L Number	Hits	Search Text	DB	Time stamp
1	3778	("514/183,295,395,415,712").CCLS	USPAT	2003/08/25 11:38
2	1722	("544/106,253,283,282").CCLS	USPAT	2003/08/25 11:38
3	364	("546/183").CCLS	USPAT	2003/08/25 11:38
4	267	("548/306.4").CCLS	USPAT	2003/08/25 11:39
5	680	("549/362,469").CCLS	USPAT	2003/08/25 11:39
6	460	("568/38,58").CCLS	USPAT	2003/08/25 11:39
7	0	(("514/183,295,395,415,712").CCLS) and (("544/106,253,283,282").CCLS) and (("546/183").CCLS) and (("546/183").CCLS) and (("548/306.4").CCLS) and (("549/362,469").CCLS) and (("568/38,58").CCLS)	USPAT	2003/08/25 11:40

I

Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 3	Feb 24	PCTGEN now available on STN
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NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

```
 NEWS 36  AUG 18  Simultaneous left and right truncation added to PASCAL
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                  Truncation
 NEWS 38  AUG 18  Simultaneous left and right truncation added to ANABSTR

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
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 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
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  * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 07:33:41 ON 25 AUG 2003

=> file reg
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.21       0.21

FILE 'REGISTRY' ENTERED AT 07:33:51 ON 25 AUG 2003
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STRUCTURE FILE UPDATES:   22 AUG 2003  HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES:  22 AUG 2003  HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

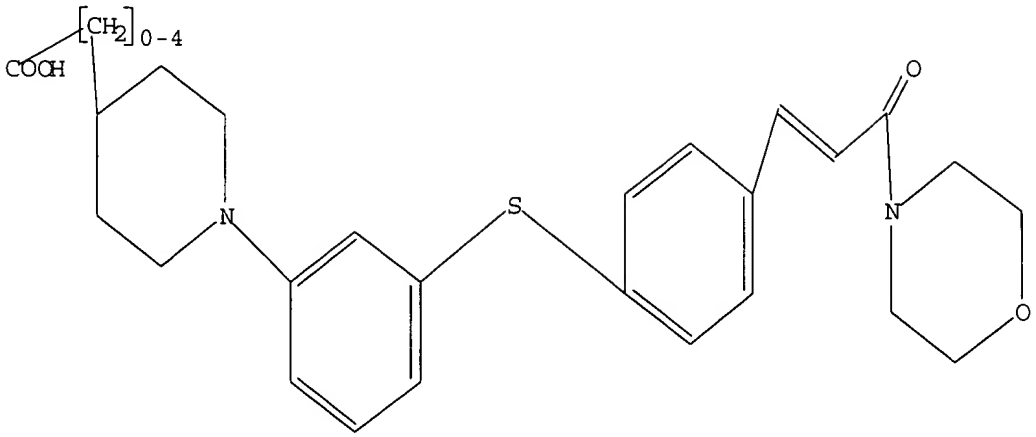
Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09541795.5
```

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 07:34:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1sss full
L3 0 L1SSS

=> s l1 sss full
FULL SEARCH INITIATED 07:34:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L4 2 SEA SSS FUL L1

=> file caold
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 152.37 152.58

FILE 'CAOLD' ENTERED AT 07:34:42 ON 25 AUG 2003

FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l1 sss full
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 07:34:50 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L5 2 SEA SSS FUL L1

L6 0 L5

=> file marpat

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.40	301.53

FILE 'MARPAT' ENTERED AT 07:35:21 ON 25 AUG 2003

FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08)(20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003
DE 20300703 31 JUL 2003
EP 1331259 30 JUL 2003
JP 2003207510 25 JUL 2003

WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

```
=> s l1 sss full
FULL SEARCH INITIATED 07:35:31 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED -    537 TO ITERATE

100.0% PROCESSED     537 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.04

L7            0 SEA SSS FUL L1

=> d his

     (FILE 'HOME' ENTERED AT 07:33:41 ON 25 AUG 2003)

     FILE 'REGISTRY' ENTERED AT 07:33:51 ON 25 AUG 2003
L1              STRUCTURE UPLOADED
L2            0 S L1
L3            0 S L1SSS FULL
L4            2 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 07:34:42 ON 25 AUG 2003
               S L1

     FILE 'REGISTRY' ENTERED AT 07:34:49 ON 25 AUG 2003
L5            2 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 07:34:50 ON 25 AUG 2003
L6            0 S L5 SSS FULL

     FILE 'MARPAT' ENTERED AT 07:35:21 ON 25 AUG 2003
L7            0 S L1 SSS FULL

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               104.55     406.08

FILE 'CAPLUS' ENTERED AT 07:36:05 ON 25 AUG 2003
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FILE COVERS 1907 - 25 Aug 2003 VOL 139 ISS 9

FILE LAST UPDATED: 24 Aug 2003 (20030824/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l5
L8 1 L5

=> d l1 fbib hitstr abs total
L1 HAS NO ANSWERS
'FBIB HITSTR ABS ' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains data. (Default)
SIM ----- Structure IMage.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains data.
SDA ----- All Structure DAta (image, attributes, connection table and map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:end

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	406.50

FILE 'CAPLUS' ENTERED AT 07:36:57 ON 25 AUG 2003
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FILE COVERS 1907 - 25 Aug 2003 VOL 139 ISS 9
FILE LAST UPDATED: 24 Aug 2003 (20030824/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l5
L9 1 L5

=> d l9 fbib hitstr abs total

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:725609 CAPLUS
DN 133:296281
TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn, Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae, Hwan-soo; Lynch, John K.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 476 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059880	A1	20001012	WO 2000-US8895	20000403
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
	EP 1165505	A1	20020102	EP 2000-921654	20000403
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				WO 2000-US8895 W	20000403
	BR 2000009426	A	20020409	BR 2000-9426	20000403
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
				WO 2000-US8895 W	20000403
	EE 200100513	A	20021216	EE 2001-513	20000403
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
				WO 2000-US8895 W	20000403
	NO 2001004767	A	20011130	NO 2001-4767	20011001
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				WO 2000-US8895 W	20000403
	BG 106029	A	20020531	BG 2001-106029	20011018
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
				WO 2000-US8895 W	20000403
	HR 2001000776	A1	20021231	HR 2001-776	20011023
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331

WO 2000-US8895 W 20000403

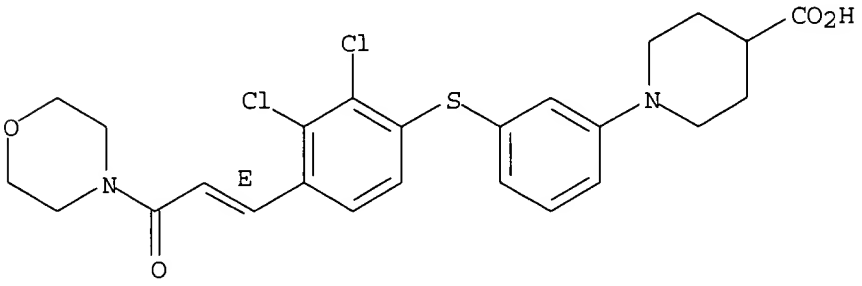
OS MARPAT 133:296281

IT **301179-08-8P 301179-43-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)

RN 301179-08-8 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-[[2,3-dichloro-4-[(1E)-3-(4-morpholinyl)-3-oxo-1-propenyl]phenyl]thio]phenyl]- (9CI) (CA INDEX NAME)

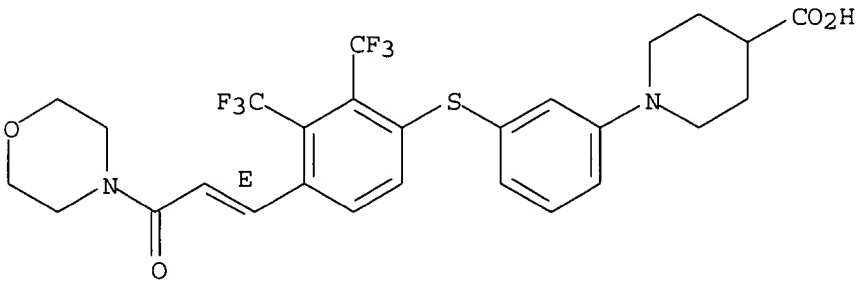
Double bond geometry as shown.



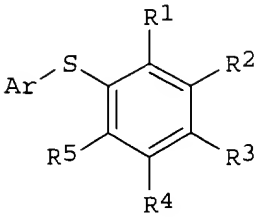
RN 301179-43-1 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-[[4-[(1E)-3-(4-morpholinyl)-3-oxo-1-propenyl]-2,3-bis(trifluoromethyl)phenyl]thio]phenyl]- (9CI) (CA INDEX NAME)

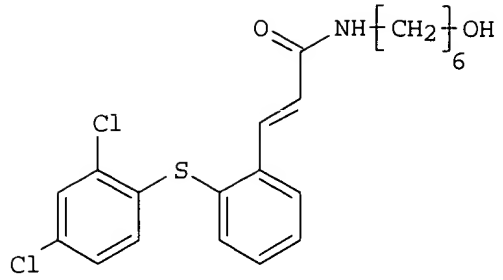
Double bond geometry as shown.



GI



I



II

AB The title compds. (I) [wherein R1-R5 = independently H, halo, (halo)alkyl, alkoxy, cyano, NO2, CHO, and least one of R1 or R3 is an (un)substituted cis- or trans-cinnamide; Ar = (un)substituted (hetero)aryl] were prepd. as cell adhesion inhibitors for the treatment of inflammatory and immune diseases. Examples include syntheses for 443 invention compds. and data for 3 bioassays. For instance, a mixt. of 2-[(2,4-dichlorophenyl)thio]benzaldehyde (prepn. given), malonic acid, piperidine in anhyd. pyridine was heated at 110.degree.C for 2 h and then treated with aq. HCl to give trans-2-[(2,4-dichlorophenyl)thio]cinnamic acid (91%). Conversion to the acid chloride followed by amidation with 6-amino-1-hexanol gave (E)-II (90%). In an integrin LFA-1/ICAM-1 biochem. interaction assay, I demonstrated inhibition at 4 .mu.M. In cell-based adhesion assays which measure the ability of test compds. to block adherence of JY-8 cells (a human EBV-transformed B cell line expressing LFA-1 on its surface) to immobilized ICAM-1 or ICAM-3, I exhibited blocking activity at 4 .mu.M and 0.6 .mu.M, resp.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

=>

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.95	411.45

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

STN INTERNATIONAL LOGOFF AT 07:37:34 ON 25 AUG 2003

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PASSWORD:
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```
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               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

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  * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 07:44:10 ON 25 AUG 2003

=>  reg
REG IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.21       0.21

FILE 'REGISTRY' ENTERED AT 07:44:22 ON 25 AUG 2003
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provided by InfoChem.
```

STRUCTURE FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

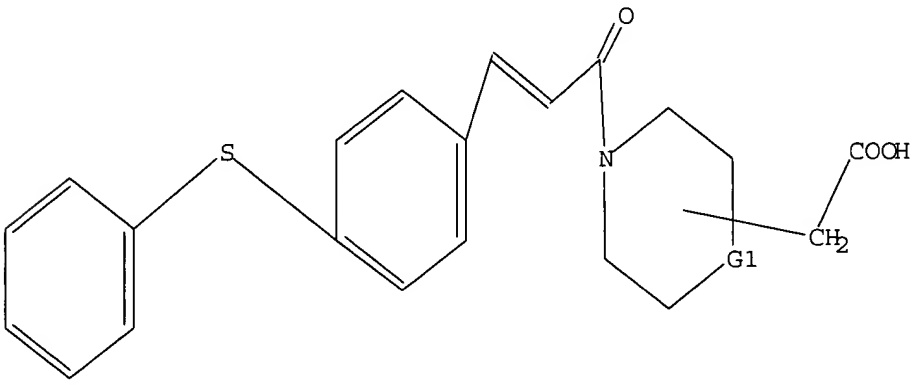
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09541795.6

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 N,CH,NH

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 07:44:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 33 TO ITERATE

100.0% PROCESSED 33 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 316 TO 1004
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

```
=> s l1 sss full
FULL SEARCH INITIATED 07:44:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    567 TO ITERATE

100.0% PROCESSED     567 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.01

L3            0 SEA SSS FUL L1

=> file caold
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               148.15     148.36

FILE 'CAOLD' ENTERED AT 07:44:51 ON 25 AUG 2003
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> s l1 sss full
   REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.




FULL SEARCH INITIATED 07:44:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    567 TO ITERATE

100.0% PROCESSED     567 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.01

L4            0 SEA SSS FUL L1



L5            0 L4

=> file marpat
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                0.40     297.31
```

FILE 'MARPAT' ENTERED AT 07:45:04 ON 25 AUG 2003
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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08)(20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003
DE 20300703 31 JUL 2003
EP 1331259 30 JUL 2003
JP 2003207510 25 JUL 2003
WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l1 sss full
FULL SEARCH INITIATED 07:45:10 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 6796 TO ITERATE

100.0% PROCESSED 6796 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.16

L6 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	104.55	401.86

STN INTERNATIONAL LOGOFF AT 07:45:48 ON 25 AUG 2003

Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
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NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
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NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

```
 NEWS 36  AUG 18  Simultaneous left and right truncation added to PASCAL
 NEWS 37  AUG 18  FROSTI and KOSMET enhanced with Simultaneous Left and Right
                  Truncation
 NEWS 38  AUG 18  Simultaneous left and right truncation added to ANABSTR

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 07:47:39 ON 25 AUG 2003

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 07:48:01 ON 25 AUG 2003
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STRUCTURE FILE UPDATES:   22 AUG 2003  HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES:  22 AUG 2003  HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09541795.7
```

```
L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss full
FULL SEARCH INITIATED 07:48:28 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      70 TO ITERATE

100.0% PROCESSED      70 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L2            0 SEA SSS FUL L1

=> file caold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     148.15     148.36

FILE 'CAOLD' ENTERED AT 07:48:34 ON 25 AUG 2003
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
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  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> s l1 sss full
   REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.




FULL SEARCH INITIATED 07:48:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      70 TO ITERATE

100.0% PROCESSED      70 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01
```

```
L3            0 SEA SSS FUL L1


L4            0 L3

=> file marpat
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.40     297.31

FILE 'MARPAT' ENTERED AT 07:48:45 ON 25 AUG 2003
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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08)(20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US    6596259 22 JUL 2003
DE   20300703 31 JUL 2003
EP    1331259 30 JUL 2003
JP 2003207510 25 JUL 2003
WO 2003061387 31 JUL 2003

Structure search limits have been raised.  See HELP SLIMIT for the new,
higher limits.

=> s l1 sss full
FULL SEARCH INITIATED 07:48:51 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED -   1005 TO ITERATE

100.0% PROCESSED    1005 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.03

L5            0 SEA SSS FUL L1

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   104.55     401.86

STN INTERNATIONAL LOGOFF AT 07:49:00 ON 25 AUG 2003
```

IV

Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

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 NEWS 36  AUG 18  Simultaneous left and right truncation added to PASCAL
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               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
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 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
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FILE 'HOME' ENTERED AT 07:55:28 ON 25 AUG 2003

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 07:55:37 ON 25 AUG 2003
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STRUCTURE FILE UPDATES:   22 AUG 2003  HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES:  22 AUG 2003  HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

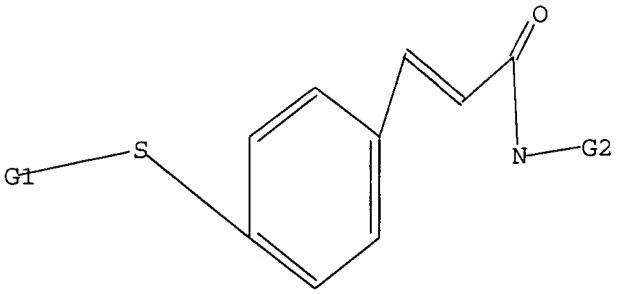
Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09541795.8
```

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 Cb,Cy,Hy
G2 H,Cb,Cy,Hy,Ak,OH,COOH

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 07:56:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7248 TO ITERATE

100.0% PROCESSED 7248 ITERATIONS 282 ANSWERS
SEARCH TIME: 00.00.01

L2 282 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.55	148.76

FILE 'CAOLD' ENTERED AT 07:56:36 ON 25 AUG 2003
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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGistRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l1 sss full

REGlstRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 07:56:42 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7248 TO ITERATE

100.0% PROCESSED 7248 ITERATIONS 282 ANSWERS
SEARCH TIME: 00.00.01

L3 282 SEA SSS FUL L1

L4 0 L3

=> file marpat
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.40 297.71

FILE 'MARPAT' ENTERED AT 07:56:56 ON 25 AUG 2003
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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08)(20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003
DE 20300703 31 JUL 2003
EP 1331259 30 JUL 2003
JP 2003207510 25 JUL 2003
WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l2 sss full
FULL SEARCH INITIATED 07:57:02 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 4219 TO ITERATE

100.0% PROCESSED 4219 ITERATIONS (1 INCOMPLETE) 62 ANSWERS
SEARCH TIME: 00.00.08

L5 62 SEA SSS FUL L1

=> d his

(FILE 'HOME' ENTERED AT 07:55:28 ON 25 AUG 2003)

FILE 'REGISTRY' ENTERED AT 07:55:37 ON 25 AUG 2003

```
L1              STRUCTURE UPLOADED
L2          282 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 07:56:36 ON 25 AUG 2003
                S L1

     FILE 'REGISTRY' ENTERED AT 07:56:42 ON 25 AUG 2003
L3          282 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 07:56:43 ON 25 AUG 2003
L4            0 S L3 SSS FULL

     FILE 'MARPAT' ENTERED AT 07:56:56 ON 25 AUG 2003
L5           62 S L2 SSS FULL

=> s l2 and l5
L2 MAY NOT BE USED HERE
The L-number entered was not created by a STRUCTURE or SCREEN command.

=> d l5 fbib hitstr abs total
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'MARPAT'

The following are valid formats:

MSTR ----- All Markush structure(s) and related text information
MSTR(n) -- Markush structure(n) and related text information
IDE ------ AN and MSTR

ABS ------ AB
ALL ------ BIB, AB, IND, RE, and MSTR
APPS ----- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN ------ List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
DALL ----- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND ------ Indexing Data
IPC ------ International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ------ CC, SX, TI, ST, IT, and FQHIT
SCAN ----- CC, SX, TI, ST, IT, and FQHIT (random display,
           no answer numbers)
STD ------ BIB, IPC, and NCL (standard patent information)

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD ----- STD, indented with text labels
OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations
```

HIT ------ Fields containing hit text terms and the Markush structures containing the query structure
FHIT ----- Fields containing the first hit text terms and the first Markush structures containing the query structure
QHIT ----- Fields containing query focus hit text terms and the Markush structures containing the query structure
FQHIT ---- Fields containing the first query focus hit text terms and the first Markush structures containing the query structure

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter "HELP DFIELDS" at an arrow prompt (=>). Examples of formats include: "TI"; "TI,MSTR,ABS"; "BIB,ST"; "TI,IND"; "TI,SO". You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, FHIT, HIT, FQHIT, or QHIT) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):BIB

L5 ANSWER 1 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 139:36349 MARPAT
TI Preparation of arylalkyl-urea/carbamates for treatment of inflammation, diabetes and related disorders
IN Neogi, Partha; Dey, Debendranath; Li, Ta-Kai; Fuller, Joseph; Chen, Liang
PA Calyx Therapeutics Inc., USA
SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003048108	A2	20030612	WO 2002-US38150	20021127

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2001-334818P 20011129

L5 ANSWER 2 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 139:959 MARPAT
TI Remedies for urinary frequency
IN Maruyama, Takayuki; Nonaka, Shigeyuki; Yamamoto, Hiroshi; Kobayashi, Kaoru
PA Ono Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003043655	A1	20030530	WO 2002-JP12000	20021118

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI JP 2001-353303 20011119

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:368609 MARPAT
TI Preparation of phenyl sulfones or sulfoxides as telomerase inhibitors for antitumor agents
IN Kanda, Hiroshi; Nakatsu, Rieko; Asai, Akiyoshi; Yamashita, Nobunori
PA Kyowa Hakko Kogyo Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003137861	A2	20030514	JP 2001-340850	20011106

PRAI JP 2001-340850 20011106

L5 ANSWER 4 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:353993 MARPAT
TI Preparation of benzimidazole derivatives as prodrugs of proton pump inhibitors
IN Garst, Michael E.; Sachs, George; Shin, Jai Moo
PA Regents of the University of California, USA; The United States Department of Veteran Affairs; Winston Pharmaceuticals, LLC
SO U.S., 38 pp., Cont.-in-part of U.S. Ser. No. 364,381, abandoned.
CODEN: USXXAM
DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6559167	B1	20030506	US 2001-783807	20010214
	US 6093734	A	20000725	US 1998-131481	19980810

PRAI US 1998-131481 19980810
US 1999-364381 19990729

RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:287410 MARPAT

TI Preparation of 3-phenylacrylamides and analogs as inhibitors of cyclooxygenase II
IN Mauleon Casellas, David; Garcia Perez, Luisa; Palomer Benet, Albert; Pascual Avellana, Jaime
PA Laboratorios Menarini, S.A., Spain
SO Span., 27 pp.
CODEN: SPXXAD
DT Patent
LA Spanish
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI ES 2164564	A1	20020216	ES 1999-2287	19991018
ES 2164564	B1	20030216		
PRAI ES 1999-2287	19991018			

L5 ANSWER 6 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:271705 MARPAT
TI Preparation of triazinyl and other carboxamides as inhibitors of histone deacetylase
IN Delorme, Daniel; Woo, Soon Hyung; Vaisburg, Arkadii; Moradel, Oscar; Leit, Silvana; Raeppel, Stephane; Frechette, Sylvie; Bouchain, Giliane
PA Methylgene, Inc., Can.
SO PCT Int. Appl., 347 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003024448	A2	20030327	WO 2002-US29017	20020912

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2001-322402P 20010914
US 2002-391728P 20020626

L5 ANSWER 7 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:233393 MARPAT
TI Broad-spectrum fungicidal composition comprising phenylamidine derivatives
IN Labourdette, Gilbert; Zundel, Jean Luc; Lappartient, Anne Gabrielle; Villier, Alain; O'Neill, Elizabeth; Vors, Jean Pierre; Grosjean, Cournoyer Marie Claire
PA Aventis Cropscience SA, Fr.
SO Fr. Demande, 38 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

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PI   FR 2829362       A1   20030314       FR 2001-11685   20010910
     WO 2003024219    A1   20030327      .WO 2002-FR3049  20020909
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
            PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
            UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
            RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
            CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
            PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
            NE, SN, TD, TG
PRAI FR 2001-11685    20010910
RE.CNT  1     THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5   ANSWER 8 OF 62  MARPAT  COPYRIGHT 2003 ACS on STN
AN   137:242190  MARPAT
TI   Remedies for depression containing prostaglandin E2 receptor subtype EP1
     antagonist as the active ingredient
IN   Nonaka, Shigeyuki; Maruyama, Takayuki
PA   Ono Pharmaceutical Co., Ltd., Japan
SO   PCT Int. Appl., 269 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     --------------    ----  --------       --------------   --------
PI   WO 2002072145     A1    20020919       WO 2002-JP2359   20020313
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
            LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
            PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
            UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
            CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
            BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI JP 2001-73011    20010314
RE.CNT  23    THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5   ANSWER 9 OF 62  MARPAT  COPYRIGHT 2003 ACS on STN
AN   136:295089  MARPAT
TI   Preparation of amino acid aromatic derivatives with HIV integrase
     inhibitory properties
IN   N'zemba, Blaise Magloire; Sauve, Gilles; Sevigny, Guy; Yelle, Jocelyn
PA   Pharmacor, Inc., Can.
SO   PCT Int. Appl., 173 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
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PI WO 2002026697 A2 20020404 WO 2001-CA1367 20010925
WO 2002026697 A3 20020516
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
AU 2001095310 A5 20020408 AU 2001-95310 20010925
US 6528655 B1 20030304 US 2001-963329 20010926
PRAI CA 2000-2321348 20000927
WO 2001-CA1367 20010925

L5 ANSWER 10 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 136:262993 MARPAT
TI Substituted cinnamic acid guanidides as inhibitors of the NHE3 sodium-proton exchanger
IN Hofmeister, Armin; Hropot, Max; Heinelt, Uwe; Bleich, Markus; Lang, Hans-Jochen
PA Aventis Pharma Deutschland G.m.b.H., Germany
SO PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002024637	A1	20020328	WO 2001-EP10375	20010908
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10046993	A1	20020411	DE 2000-10046993	20000922
AU 2001093802	A5	20020402	AU 2001-93802	20010908
EP 1322602	A1	20030702	EP 2001-974235	20010908
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002058710	A1	20020516	US 2001-954016	20010918
US 6399824	B2	20020604		
NO 2003001273	A	20030514	NO 2003-1273	20030319

PRAI DE 2000-10046993 20000922
WO 2001-EP10375 20010908
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 136:236663 MARPAT
TI Hair and skin compositions containing a dibenzoylmethane derivative and an .alpha.-alkylstyrene dimer
IN Forestier, Serge

PA L'Oreal, Fr.
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002019979	A2	20020314	WO 2001-FR2655	20010823
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	FR 2813526	A1	20020308	FR 2000-11304	20000905
	FR 2813527	A1	20020308	FR 2000-16791	20001221
PRAI	FR 2000-11304	20000905			
	FR 2000-16791	20001221			

L5 ANSWER 12 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 136:167287 MARPAT
TI Preparation of novel 3-substituted isoquinolin-1-yl derivatives of squaric acid amides as selective .alpha.4-integrin inhibitors
IN Head, John Clifford; Porter, John Robert; McKay, Catherine
PA Celltech R & D Limited, UK
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002010136	A1	20020207	WO 2001-GB3429	20010730
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1305291	A1	20030502	EP 2001-953234	20010730
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 6469025	B1	20021022	US 2001-920206	20010801
	US 2002177605	A1	20021128		
PRAI	GB 2000-18969	20000802			
	GB 2000-28837	20001127			
	WO 2001-GB3429	20010730			

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 136:118463 MARPAT
TI Preparation of 1-alkyl-3-[1-(substituted phenyl)benzotriazol-6-yl]uracils as herbicides
IN Diehl, Robert E.; Trotto, Susan; Guaciaro, Michael; Wepplo, Peter
PA Basf Aktiengesellschaft, Germany
SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002006219	A2	20020124	WO 2001-EP8175	20010713
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002111274	A1	20020815	US 2001-902875	20010711
AU 2001072543	A5	20020130	AU 2001-72543	20010713
PRAI US 2000-218511P	20000715			
WO 2001-EP8175	20010713			

L5 ANSWER 14 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 135:371527 MARPAT
TI Preparation of bisacylguanidine with cardioprotective activity
IN Gericke, Rolf; Beier, Norbert
PA Merck Patent G.m.b.H., Germany
SO Ger. Offen., 12 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 10024319	A1	20011122	DE 2000-10024319	20000517
WO 2001087829	A1	20011122	WO 2001-EP4425	20010419
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI DE 2000-10024319	20000517			

OS CASREACT 135:371527

L5 ANSWER 15 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 135:249535 MARPAT
TI Polymerizable liquid crystal compound having amido bond between two cyclic groups and optically anisotropic element
IN Takeuchi, Hiroshi; Kawata, Ken
PA Fuji Photo Film Co., Ltd., Japan
SO Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1134270	A1	20010919	EP 2001-105440	20010313
	EP 1134270	B1	20030723		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001328973	A2	20011127	JP 2001-64627	20010308
	US 2001035520	A1	20011101	US 2001-803020	20010312
PRAI	JP 2000-68479	20000313			

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 16 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 135:221312 MARPAT
TI Therapeutic uses of PPAR mediators as ABC-1 expression modulators, and preparation thereof
IN Jaye, Michael; Duverger, Nicolas; Searfoss, George; Minnich, Anne
PA Aventis Pharma Deutschland G.m.b.H., Germany
SO PCT Int. Appl., 176 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001066098	A2	20010913	WO 2001-EP2482	20010306
	WO 2001066098	A3	20020404		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2001009107	A	20021203	BR 2001-9107	20010306
	EP 1267874	A2	20030102	EP 2001-956185	20010306
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	NO 2002004273	A	20021007	NO 2002-4273	20020906
PRAI	US 2000-188323P	20000309			
	GB 2000-13589	20000602			
	WO 2001-EP2482	20010306			

L5 ANSWER 17 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 135:5455 MARPAT
TI Preparation of hydroxamic acids as inhibitors of histone deacetylase
IN Delorme, Daniel; Ruel, Rejean; Lavoie, Rico; Thibault, Carl; Abou-khalil, Elie
PA Methylgene, Inc., Can.
SO PCT Int. Appl., 147 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI WO 2001038322 A1 20010531 WO 2000-IB1881 20001122
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1233958 A1 20020828 EP 2000-981535 20001122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 6541661 B1 20030401 US 2000-718265 20001122
JP 2003514904 T2 20030422 JP 2001-540085 20001122
PRAI US 1999-167035P 19991123
WO 2000-IB1881 20001122
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 134:348284 MARPAT
TI Phenyl compounds to treat diabetes and associated conditions
IN Neogi, Partha; Nag, Bishwajit; Lakner, Frederick J.; Dey, Debendranath; Medicherla, Satyanarayana
PA Calyx Therapeutics, Inc., USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001034094	A2	20010517	WO 2000-US30927	20001108
WO 2001034094	C2	20020725		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
US 6525093 B1 20030225 US 1999-436047 19991108
AU 2001017607 A5 20010606 AU 2001-17607 20001108
EP 1235785 A2 20020904 EP 2000-980331 20001108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2002107285 A1 20020808 US 2002-75442 20020215
PRAI US 1999-436047 19991108
WO 2000-US30927 20001108

L5 ANSWER 19 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 134:266316 MARPAT
TI Preparation of quinazoline derivatives, method of preparation and use in inhibiting aurora 2 kinase
IN Mortlock, Andrew Austen; Keen, Nicholas John

PA Astrazeneca AB, Swed.; Astrazeneca UK Limited
SO PCT Int. Appl., 83 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001021595	A1	20010329	WO 2000-GB3562	20000918
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000014136	A	20020521	BR 2000-14136	20000918
EP 1218357	A1	20020703	EP 2000-962682	20000918
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003509498	T2	20030311	JP 2001-524974	20000918
EE 200200148	A	20030415	EE 2002-148	20000918
NO 2002001395	A	20020515	NO 2002-1395	20020320
BG 106535	A	20021229	BG 2002-106535	20020320
PRAI GB 1999-22173	19990921			
WO 2000-GB3562	20000918			

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 20 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 134:507 MARPAT
TI Anticancer agents containing prostaglandin E2 receptor subtype EP1 antagonists as the active ingredient
IN Wakabayashi, Keiji; Maruyama, Takayuki
PA Ono Pharmaceutical Co., Ltd., Japan; Japan as Represented by President of National Cancer Center; The Organization for Pharmaceutical Safety and Research
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000069465	A1	20001123	WO 2000-JP3028	20000511
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI JP 1999-131195	19990512			

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 21 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 133:296281 MARPAT
TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn, Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae, Hwan-soo; Lynch, John K.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 476 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059880	A1	20001012	WO 2000-US8895	20000403
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1165505	A1	20020102	EP 2000-921654	20000403
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 2000009426	A	20020409	BR 2000-9426	20000403
	EE 200100513	A	20021216	EE 2001-513	20000403
	NO 2001004767	A	20011130	NO 2001-4767	20011001
	BG 106029	A	20020531	BG 2001-106029	20011018
	HR 2001000776	A1	20021231	HR 2001-776	20011023

PRAI US 1999-286645 19990402
US 1999-474517 19991229
US 2000-541795 20000331
WO 2000-US8895 20000403
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 22 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 133:89514 MARPAT
TI Cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Tom; Winn, Martin; Xin, Zhili; Boyd, Steven A.; Jae, Hwan-Soo; Lynch, John K.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 400 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000039081	A2	20000706	WO 1999-US31162	19991229

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     WO 2000039081     A3   20010525
         W:  AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
             CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
             IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
             MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
             SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     US 6110922        A    20000829       US 1998-222491   19981229
     CA 2356320        AA   20000706       CA 1999-2356320  19991229
     EP 1140814        A2   20011010       EP 1999-966709   19991229
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
     JP 2002533434     T2   20021008       JP 2000-590994   19991229
     EE 200100355      A    20021015       EE 2001-355      19991229
     NO 2001003241     A    20010828       NO 2001-3241     20010628
     HR 2001000512     A1   20020831       HR 2001-512      20010710
     BG 105732         A    20020228       BG 2001-105732   20010725
PRAI US 1998-222491   19981229
     WO 1999-US31162  19991229

L5   ANSWER 23 OF 62  MARPAT  COPYRIGHT 2003 ACS on STN
AN   133:58815  MARPAT
TI   Preparation of N-arylcarbonyl-8-(pyrrolopyrazinyl)pyrroloquinolines and
     analogs as 5-HT receptor ligands
IN   Gaster, Laramie Mary; Heightman, Tom Daniel
PA   Smithkline Beecham Plc, UK
SO   PCT Int. Appl., 50 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
PI   WO 2000035919     A2   20000622       WO 1999-EP9564   19991203
     WO 2000035919     A3   20001026
         W:  AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
             CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
             IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
             MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
             SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     EP 1140946        A2   20011010       EP 1999-964526   19991203
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
     BR 9916307        A    20020115       BR 1999-16307    19991203
     JP 2002532501     T2   20021002       JP 2000-588178   19991203
     NO 2001003003     A    20010725       NO 2001-3003     20010615
PRAI GB 1998-27882    19981217
     WO 1999-EP9564   19991203

L5   ANSWER 24 OF 62  MARPAT  COPYRIGHT 2003 ACS on STN
AN   132:308547  MARPAT
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TI Method for the production and use of bile acid substituted phenyl alkenoyl guanidines as medicaments or diagnostic agents and of medicaments that contain them
IN Weichert, Andreas; Enhsen, Alfons; Falk, Eugen; Jansen, Hans-Willi; Kramer, Werner; Schwark, Jan-Robert; Lang, Hans Jochen
PA Aventis Pharma Deutschland G.m.b.H., Germany
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000024761	A1	20000504	WO 1999-EP7828	19991015
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	DE 19849722	A1	20000504	DE 1998-19849722	19981028
	AU 9962032	A1	20000515	AU 1999-62032	19991015
	AU 757365	B2	20030220		
	BR 9914929	A	20010710	BR 1999-14929	19991015
	EP 1124841	A1	20010822	EP 1999-949001	19991015
	EP 1124841	B1	20030402		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002528460	T2	20020903	JP 2000-578331	19991015
	AT 236191	E	20030415	AT 1999-949001	19991015
	US 6166002	A	20001226	US 1999-422146	19991020
PRAI	DE 1998-19849722	19981028			
	WO 1999-EP7828	19991015			

OS CASREACT 132:308547
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 25 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 132:180568 MARPAT
TI Preparation of 3-arylpyrazoles as herbicides.
IN Schallner, Otto; Linker, Karl-Heinz; Kluth, Joachim; Drewes, Mark Wilhelm; Feucht, Dieter; Pontzen, Rolf; Wetcholowsky, Ingo
PA Bayer A.-G., Germany
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19838706	A1	20000302	DE 1998-19838706	19980826
	CA 2341656	AA	20000309	CA 1999-2341656	19990813
	WO 2000012480	A2	20000309	WO 1999-EP5963	19990813
	WO 2000012480	A3	20000608		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU	9955165	A1	20000321	AU 1999-55165	19990813
AU	761661	B2	20030605		
BR	9913282	A	20010515	BR 1999-13282	19990813
EP	1107955	A2	20010620	EP 1999-941618	19990813
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP	2002525279	T2	20020813	JP 2000-571047	19990813
US	6495492	B1	20021217	US 2001-763429	20010220
US	6559102	B1	20030506	US 2002-279669	20021024
PRAI DE	1998-19838706	19980826			
WO	1999-EP5963	19990813			
US	2001-763429	20010220			

L5 ANSWER 26 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 132:64106 MARPAT
TI Preparation and formulation of propenyl cephalosporin derivatives for pharmaceutical use as antibiotics for the treatment and prophylaxis of infectious diseases
IN Angehrn, Peter; Goetschi, Erwin; Heinze-Krauss, Ingrid; Richter, Hans G. F.
PA F. Hoffmann-La Roche A.-G., Switz.
SO PCT Int. Appl., 103 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9967255	A1	19991229	WO 1999-EP4034	19990611
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2335288	AA	19991229	CA 1999-2335288	19990611
AU 9946081	A1	20000110	AU 1999-46081	19990611
AU 761450	B2	20030605		
BR 9911445	A	20010320	BR 1999-11445	19990611
EP 1090013	A1	20010411	EP 1999-929182	19990611
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002518505	T2	20020625	JP 2000-555907	19990611
US 6583133	B1	20030624	US 1999-337908	19990622
NO 2000006507	A	20001220	NO 2000-6507	20001220
PRAI EP 1998-111415	19980622			
EP 1999-108149	19990426			

WO 1999-EP4034 19990611
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 27 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 131:286266 MARPAT
TI New substituted benzamides: preparation and application
IN Lubisch, Wilfried; Moeller, Achim; Treiber, Hans-Joerg; Knopp, Monika
PA BASF A.-G., Germany
SO Ger. Offen., 18 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 19817461	A1	19991021	DE 1998-19817461	19980420
CA 2328430	AA	19991028	CA 1999-2328430	19990419
WO 9954293	A1	19991028	WO 1999-EP2617	19990419
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9938186	A1	19991108	AU 1999-38186	19990419
AU 743245	B2	20020124		
BR 9909776	A	20001219	BR 1999-9776	19990419
EP 1073632	A1	20010207	EP 1999-920704	19990419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
JP 2002512220	T2	20020423	JP 2000-544634	19990419
US 6436925	B1	20020820	US 2000-647673	20001003
BG 104856	A	20010531	BG 2000-104856	20001013
NO 2000005265	A	20001019	NO 2000-5265	20001019
HR 2000000777	A1	20010630	HR 2000-777	20001115
PRAI DE 1998-19817461	19980420			
WO 1999-EP2617	19990419			

L5 ANSWER 28 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 131:243084 MARPAT
TI Preparation of naphthyl and indolyl acylsulfonamides for the treatment and prevention of prostaglandin mediated disease
IN Gareau, Yves; Labelle, Marc; Juteau, Helene; Gallant, Michel; Lachance, Nicolas; Belley, Michel
PA Merck Frosst Canada & Co., Can.
SO PCT Int. Appl., 143 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9947497	A2	19990923	WO 1999-CA212	19990312
WO 9947497	A3	19991028		
W: AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

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        RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
            ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
            CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    US 6242493        B1   20010605       US 1999-266047   19990310
    CA 2322742        AA   19990923       CA 1999-2322742  19990312
    AU 9927086        A1   19991011       AU 1999-27086    19990312
    AU 756333         B2   20030109
    EP 1071648        A2   20010131       EP 1999-907214   19990312
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,
            SI, LT, LV, FI, RO
    JP 2002506851     T2   20020305       JP 2000-536694   19990312
PRAI US 1998-77990P   19980313
    GB 1998-15856     19980721
    WO 1999-CA212     19990312

L5  ANSWER 29 OF 62  MARPAT  COPYRIGHT 2003 ACS on STN
AN  130:47468  MARPAT
TI  Hydroxamic acid compounds having anticancer and anti-parasitic properties
IN  Parsons, Peter Gordon; Fairlie, David
PA  The University of Queensland, Australia; The Queensland Institute of
    Medical Research
SO  PCT Int. Appl., 123 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1
    PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
    ---------------   ----  --------       ---------------  --------
PI  WO 9855449         A1   19981210       WO 1998-AU431    19980605
        W:  AU, JP, US
        RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
            PT, SE
    AU 9877516         A1   19981221       AU 1998-77516    19980605
    EP 988280          A1   20000329       EP 1998-925331   19980605
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, FI
    JP 2002513419      T2   20020508       JP 1999-501133   19980605
PRAI AU 1997-7219      19970606
    WO 1998-AU431      19980605
RE.CNT  31    THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5  ANSWER 30 OF 62  MARPAT  COPYRIGHT 2003 ACS on STN
AN  129:148825  MARPAT
TI  Preparation of 3-aryl acryloyl guanidine derivatives as Na+/H+ exchange
    inhibitors
IN  Okazaki, Toshio; Kaku, Hideki; Kikuchi, Kazumi; Takanashi, Masahiro
PA  Yamanouchi Pharmaceutical Co., Ltd., Japan; Merck Patent G.m.b.H.
SO  Jpn. Kokai Tokkyo Koho, 18 pp.
    CODEN: JKXXAF
DT  Patent
LA  Japanese
FAN.CNT 1
    PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
    ---------------   ----  --------       ---------------  --------
PI  JP 10175939        A2   19980630       JP 1996-335637   19961216
PRAI JP 1996-335637    19961216
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L5 ANSWER 31 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 129:95327 MARPAT
TI Preparation of sulfonamide and carboxamide derivatives as drugs
IN Ohuchida, Shuichi; Nagao, Yuuki
PA Ono Pharmaceutical Co., Ltd., Japan; Ohuchida, Shuichi; Nagao, Yuuki
SO PCT Int. Appl., 305 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9827053	A1	19980625	WO 1997-JP4593	19971212
	W: AU, CA, CN, HU, JP, KR, MX, NO, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9854115	A1	19980715	AU 1998-54115	19971212
	AU 733493	B2	20010517		
	EP 947500	A1	19991006	EP 1997-947925	19971212
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	CN 1247529	A	20000315	CN 1997-181861	19971212
	JP 3426252	B2	20030714	JP 1998-527533	19971212
	ZA 9711336	A	19980625	ZA 1997-11336	19971217
	KR 2000057576	A	20000925	KR 1999-705335	19990615
	NO 9902935	A	19990816	NO 1999-2935	19990616
	MX 9905770	A	20000228	MX 1999-5770	19990618
	US 6448290	B1	20020910	US 1999-331327	19990618
	US 2003060460	A1	20030327	US 2002-207078	20020730
PRAI	JP 1996-353818	19961218			
	JP 1997-305055	19971021			
	WO 1997-JP4593	19971212			
	US 1999-331327	19990618			

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 32 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 129:40989 MARPAT
TI Preparation of N-(2-oxoethyl)benzamides as cysteine protease inhibitors
IN Lubisch, Wilfried; Moeller, Achim; Treiber, Hans-Joerg
PA BASF A.-G., Germany
SO Ger. Offen., 34 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19648793	A1	19980528	DE 1996-19648793	19961126
	WO 9823581	A1	19980604	WO 1997-EP6292	19971111
	W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9854814	A1	19980622	AU 1998-54814	19971111
	AU 742262	B2	20011220		
	EP 944584	A1	19990929	EP 1997-951172	19971111
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
	CN 1238761	A	19991215	CN 1997-180091	19971111

	BR 9713147	A	20000208	BR 1997-13147	19971111
	NZ 335542	A	20000728	NZ 1997-335542	19971111
	JP 2001506596	T2	20010522	JP 1998-524208	19971111
	RU 2189973	C2	20020927	RU 1999-113461	19971111
	ZA 9710569	A	19990525	ZA 1997-10569	19971125
	TW 393454	B	20000611	TW 1997-86117691	19971125
	NO 9902492	A	19990525	NO 1999-2492	19990525
	KR 2000057227	A	20000915	KR 1999-704582	19990525
	US 6251917	B1	20010626	US 1999-297916	19990526
PRAI	DE 1996-19648793	19961126			
	WO 1997-EP6292	19971111			

L5 ANSWER 33 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 128:257229 MARPAT
TI Preparation of aryl-substituted acrylamides with leukotriene B4 (LTB-4) receptor antagonist activity
IN Greenspan, Paul David; Fujimoto, Roger Aki
PA Novartis A.-G., Switz.; Greenspan, Paul David; Fujimoto, Roger Aki
SO PCT Int. Appl., 55 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9813347	A1	19980402	WO 1997-EP5255	19970924
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9745573	A1	19980417	AU 1997-45573	19970924
	EP 942903	A1	19990922	EP 1997-943901	19970924
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2001501202	T2	20010130	JP 1998-515275	19970924
	US 6291530	B1	20010918	US 1999-269251	19990323
PRAI	US 1996-27468P	19960926			
	WO 1997-EP5255	19970924			

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 34 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 128:198602 MARPAT
TI Silver halide photographic material with improved light fastness, tone, and color formation
IN Nishijima, Toyoki
PA Konica Co., Japan
SO Jpn. Kokai Tokkyo Koho, 19 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI JP 10039465 A2 19980213 JP 1996-193352 19960723
PRAI JP 1996-193352 19960723

L5 ANSWER 35 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 128:128008 MARPAT
TI Preparation of N-isothiazolylthioamides as pesticides
IN Heil, Markus; Bretschneider, Thomas; Kleefeld, Gerd; Erdelen, Christoph
PA Bayer A.-G., Germany
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19628569	A1	19980122	DE 1996-19628569	19960716
	WO 9802424	A1	19980122	WO 1997-EP3523	19970703
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9735410	A1	19980209	AU 1997-35410	19970703
	EP 912532	A1	19990506	EP 1997-931766	19970703
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
	CN 1225632	A	19990811	CN 1997-196503	19970703
	BR 9710322	A	19990817	BR 1997-10322	19970703
	JP 2000515135	T2	20001114	JP 1998-505570	19970703
PRAI	DE 1996-19628569	19960716			
	WO 1997-EP3523	19970703			

L5 ANSWER 36 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 128:88669 MARPAT
TI Preparation of diaryl antimicrobial agents
IN Kanojia, Ramesh M.; Demers, James P.; Hlasta, Dennis J.; Johnson, Sigmond G.; Klaubert, Dieter H.
PA Ortho Pharmaceutical Corp., USA
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9748674	A1	19971224	WO 1997-US9955	19970606
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5773469	A	19980630	US 1996-665653	19960618
	AU 9734804	A1	19980107	AU 1997-34804	19970606
	ZA 9705331	A	19981217	ZA 1997-5331	19970617
	TW 442456	B	20010623	TW 1997-86108719	19971117
PRAI	US 1996-665653	19960618			

WO 1997-US9955 19970606

L5 ANSWER 37 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 128:34683 MARPAT
TI Preparation of 4-hydroxybenzopyran-2-ones and 4-hydroxycycloalkyl[b]pyran-2-ones useful to treat retroviral infections
IN Tomich, Paul Kosta; Bohanon, Michael John; Turner, Steven Ronald; Strohbach, Joseph Walter; Thaisrivongs, Suvit; Thomas, Richard C.; Romines, Karen Rene; Yang, Chih-ping; Aristoff, Paul Adrian; Skulnick, Harvey Irving; Johnson, Paul D.; Gammill, Ronald B.; Zhang, Qingwei; Bundy, Gordon L.; Anderson, David John; et al.
PA Pharmacia & Upjohn Co., USA
SO U.S., 157 pp., Cont.-in-part of U.S. Ser. No. 169,302, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5686486	A	19971111	US 1995-492068	19950804
	ZA 9400318	A	19950717	ZA 1994-318	19940117
	TW 386082	B	20000401	TW 1994-83100644	19940126
	WO 9418188	A1	19940818	WO 1994-US938	19940203
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CN 1117291	A	19960221	CN 1994-191100	19940203
PRAI	US 1993-14459	19930205			
	US 1993-68715	19930527			
	US 1993-169302	19931217			
	WO 1994-US938	19940203			

L5 ANSWER 38 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 127:220986 MARPAT
TI Preparation of phenylalanine derivatives as endothelin antagonists
IN Berryman, Kent Alan; Cheng, Xue-min; Doherty, Annette Marian; Edmunds, Jeremy John; Klutchko, Sylvester
PA Warner-Lambert Co., USA
SO U.S., 23 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5658943	A	19970819	US 1995-369209	19950105
PRAI	US 1995-369209	19950105			

L5 ANSWER 39 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 127:205587 MARPAT
TI Acylated 4-amino- and 4-hydrazinopyrimidines and their use as pesticides
IN Bretschneider, Thomas; Kleefeld, Gerd; Wernthaler, Konrad; Erdelen, Christoph; Stenzel, Klaus
PA Bayer A.-G., Germany; Bretschneider, Thomas; Kleefeld, Gerd; Wernthaler, Konrad; Erdelen, Christoph; Stenzel, Klaus
SO PCT Int. Appl., 72 pp.

CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9728133	A1	19970807	WO 1997-EP240	19970120
	W: AU, BB, BG, BR, BY, CA, CN, CZ, HU, IL, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	DE 19603576	A1	19970807	DE 1996-19603576	19960201
	AU 9715932	A1	19970822	AU 1997-15932	19970120
	EP 880505	A1	19981202	EP 1997-902189	19970120
	R: DE, ES, FR, GB, IT				
	JP 2000503998	T2	20000404	JP 1997-527274	19970120
PRAI	DE 1996-19603576	19960201			
	WO 1997-EP240	19970120			

L5 ANSWER 40 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 126:331322 MARPAT
TI Cinnamamides and their use as UV stabilizers
IN Horn, Keith A.; Heath, Richard B.; Schwind, David B.
PA Alliedsignal Inc., USA
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9713749	A2	19970417	WO 1996-US15429	19960925
	WO 9713749	A3	19970626		
	W: CN, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5888481	A	19990330	US 1995-536919	19950929
	EP 871610	A2	19981021	EP 1996-945918	19960925
	EP 871610	B1	20011129		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	CN 1198152	A	19981104	CN 1996-197317	19960925
	JP 11513435	T2	19991116	JP 1996-515056	19960925
	AT 209629	E	20011215	AT 1996-945918	19960925
	TW 442524	B	20010623	TW 1996-85111823	19960926
PRAI	US 1995-536919	19950929			
	WO 1996-US15429	19960925			

L5 ANSWER 41 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 126:185882 MARPAT
TI Substituted cinnamic acid guanidides, process for their preparation, their use as cardiovascular medicament or diagnostic agent, as well as medicament containing them
IN Schwark, Jan-Robert; Brendel, Joachim; Kleemann, Heinz-Werner; Lang, Hans-Jochen; Weichert, Andreas; Albus, Udo; Scholz, Wolfgang
PA Hoechst A.-G., Germany
SO Eur. Pat. Appl., 19 pp.
CODEN: EPXXDW
DT Patent

LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 755919	A2	19970129	EP 1996-111665	19960719
	EP 755919	A3	19970409		
	EP 755919	B1	19991117		
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	DE 19527305	A1	19970130	DE 1995-19527305	19950726
	PL 183439	B1	20020628	PL 1996-314279	19960516
	AT 186720	E	19991215	AT 1996-111665	19960719
	ES 2140765	T3	20000301	ES 1996-111665	19960719
	CN 1145899	A	19970326	CN 1996-110200	19960723
	CN 1062554	B	20010228		
	AU 9660668	A1	19970130	AU 1996-60668	19960724
	AU 704461	B2	19990422		
	US 5883133	A	19990316	US 1996-686999	19960724
	IL 118925	A1	20010808	IL 1996-118925	19960724
	SK 282018	B6	20011008	SK 1996-965	19960724
	CZ 289327	B6	20020116	CZ 1996-2184	19960724
	CA 2182062	AA	19970127	CA 1996-2182062	19960725
	NO 9603108	A	19970127	NO 1996-3108	19960725
	JP 09052823	A2	19970225	JP 1996-196283	19960725
	HR 960356	B1	20010228	HR 1996-960356	19960725
	BR 9603179	A	20020409	BR 1996-3179	19960725
	RU 2190601	C2	20021010	RU 1996-115333	19960725
PRAI	DE 1995-19527305	19950726			

L5 ANSWER 42 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 125:167598 MARPAT
TI Preparation and formulation of (tetrahydrotetramethylnaphthyloxy)naphthoates and analogs for treatment of keratinization disorders
IN Bernardon, Jean-Michel
PA Centre International De Recherches Dermatologiques Galderma (C.I.R.D. Galderma), Fr.
SO Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 722928	A1	19960724	EP 1995-120073	19951219
	EP 722928	B1	19970806		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	FR 2729664	A1	19960726	FR 1995-659	19950120
	FR 2729664	B1	19970221		
	AT 156474	E	19970815	AT 1995-120073	19951219
	ES 2111364	T3	19980301	ES 1995-120073	19951219
	AU 9640794	A1	19960815	AU 1996-40794	19960104
	AU 684405	B2	19971211		
	CA 2167651	AA	19960721	CA 1996-2167651	19960119
	CA 2167651	C	20010313		
	JP 08245475	A2	19960924	JP 1996-7863	19960119
	US 5763487	A	19980609	US 1996-589388	19960122
	US 5985928	A	19991116	US 1998-5601	19980109
	US 6156750	A	20001205	US 1999-229829	19990113
PRAI	FR 1995-659	19950120			

US 1996-589388 19960122
US 1998-5601 19980109

L5 ANSWER 43 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 125:114495 MARPAT
TI Pesticidal pyridine thioamides
IN Walter, Harald; Zambach, Werner
PA Ciba-Geigy A.-G., Switz.
SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9614301	A1	19960517	WO 1995-EP4176	19951025
	W: AL, AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9538691	A1	19960531	AU 1995-38691	19951025
	EP 790983	A1	19970827	EP 1995-937839	19951025
	R: CH, DE, FR, GB, LI				
	JP 10508590	T2	19980825	JP 1995-515001	19951025
	ZA 9509366	A	19960529	ZA 1995-9366	19951106
PRAI	CH 1994-3322		19941107		
	WO 1995-EP4176		19951025		

L5 ANSWER 44 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 124:232073 MARPAT
TI preparation of naphthalene derivatives as antiallergics
IN Takenouchi, Kazuya; Takahashi, Katsushi; Hasegawa, Masaichi; Takeuchi, Takahiro; Komoriya, Keiji
PA Teijin Ltd., Japan
SO PCT Int. Appl., 110 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9532943	A1	19951207	WO 1995-JP1035	19950530
	W: AU, CA, CN, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2190992	AA	19951207	CA 1995-2190992	19950530
	AU 9525385	A1	19951221	AU 1995-25385	19950530
	AU 687202	B2	19980219		
	EP 763523	A1	19970319	EP 1995-919663	19950530
	EP 763523	B1	19991013		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	CN 1153511	A	19970702	CN 1995-194251	19950530
	CN 1048239	B	20000112		
	AT 185551	E	19991015	AT 1995-919663	19950530
	ES 2138206	T3	20000101	ES 1995-919663	19950530
	TW 414788	B	20001211	TW 1995-84105445	19950530
	US 5945450	A	19990831	US 1996-737991	19961122
PRAI	JP 1994-118267		19940531		

JP 1994-320261 19941222
WO 1995-JP1035 19950530

L5 ANSWER 45 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 123:69846 MARPAT
TI Diphenylamine compounds
IN Beckmann, Stefan; Etzbach, Karl-Heinz; Sens, Ruediger
PA BASF A.-G., Germany
SO Ger. Offen., 11 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4335496	A1	19950420	DE 1993-4335496	19931019
	WO 9511278	A1	19950427	WO 1994-EP3330	19941010
	W: JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 724609	A1	19960807	EP 1994-928882	19941010
	R: CH, DE, FR, GB, IT, LI, NL				
	JP 09505331	T2	19970527	JP 1994-511265	19941010
	US 5696243	A	19971209	US 1996-628641	19960419
PRAI	DE 1993-4335496	19931019			
	WO 1994-EP3330	19941010			

L5 ANSWER 46 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 121:230784 MARPAT
TI Preparation of 2-benzoylpyrimidine derivatives as herbicides and agrochemical fungicides
IN Yamada, Hirokazu; Tanaka, Katsunori; Adachi, Hiroyuki; Yamada, Shigeo; Shimoda, Susumu
PA Nippon Soda Co., Ltd., Japan
SO PCT Int. Appl., 200 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9408975	A1	19940428	WO 1993-JP1478	19931014
	W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9351611	A1	19940509	AU 1993-51611	19931014
	EP 665224	A1	19950802	EP 1993-922632	19931014
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	BR 9307264	A	19990511	BR 1993-7264	19931014
	JP 07048359	A2	19950221	JP 1993-282006	19931015
	CN 1098717	A	19950215	CN 1994-100163	19940110
PRAI	JP 1992-304622	19921016			
	JP 1993-28313	19930528			
	JP 1993-154303	19930601			
	WO 1993-JP1478	19931014			

L5 ANSWER 47 OF 62 MARPAT COPYRIGHT 2003 ACS on STN

AN 121:69078 MARPAT
TI Organic nonlinear optical material containing (thio)carbonyl- or sulfone-substituted benzene derivatives
IN Yamamoto, Hironobu; Roberuto, Jonson; Funato, Satoru; Uerunaaru, Purasu; Tokida, Akihiko; Yo, Tsutomu; Donarudo, Ruho
PA Hoechst Japan, Japan
SO Jpn. Kokai Tokkyo Koho, 23 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06018946	A2	19940128	JP 1992-304124	19921113
PRAI	JP 1992-112784	19920501			

L5 ANSWER 48 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 121:57342 MARPAT
TI Process for the preparation of 4-substituted-1,4-dihydropydrines
IN Auerbach, Joseph
PA Merck and Co., Inc., USA
SO U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 759,026, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5310917	A	19940510	US 1992-920701	19920728
	WO 9306082	A1	19930401	WO 1992-US7220	19920826
	W: BG, CS, FI, HU, NO, PL, RO, RU				
	IL 103010	A1	19961031	IL 1992-103010	19920901
	EP 534520	A2	19930331	EP 1992-202690	19920905
	EP 534520	A3	19930505		
	EP 534520	B1	19970319		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	AT 150456	E	19970415	AT 1992-202690	19920905
	ES 2101027	T3	19970701	ES 1992-202690	19920905
	JP 05221984	A2	19930831	JP 1992-238429	19920907
	JP 07051562	B4	19950605		
	CA 2077919	AA	19930314	CA 1992-2077919	19920910
	AU 9223552	A1	19930318	AU 1992-23552	19920911
	AU 654387	B2	19941103		
	CN 1070907	A	19930414	CN 1992-110385	19920911
	ZA 9206935	A	19930428	ZA 1992-6935	19920911
	LV 12072	B	19980920	LV 1998-44	19980306
PRAI	US 1991-759026	19910913			
	US 1992-920701	19920728			

OS CASREACT 121:57342

L5 ANSWER 49 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 120:270460 MARPAT
TI [(Benzodioxolyl)methyl]propenoates and their uses as endothelin receptor antagonists
IN Bryan, Deborah Lynne; Elliot, John Duncan
PA Smithkline Beecham Corp., USA
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9402474	A1	19940203	WO 1993-US6667	19930715
W: AU, BB, BG, BR, BY, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9346797	A1	19940214	AU 1993-46797	19930715
EP 650484	A1	19950503	EP 1993-917208	19930715
EP 650484	B1	20000126		
R: BE, CH, DE, FR, GB, IT, LI, NL				
JP 07509465	T2	19951019	JP 1993-504560	19930715
CN 1088581	A	19940629	CN 1993-116592	19930717
US 5559105	A	19960924	US 1995-374544	19950117
PRAI US 1992-916051	19920717			
US 1993-49606	19930419			
WO 1993-US6667	19930715			

L5 ANSWER 50 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 120:245129 MARPAT
TI Preparation of 3,3-diaryl acrylic acid amides
IN Curtze, Juergen
PA Shell Internationale Research Maatschappij B. V., Neth.
SO PCT Int. Appl., 15 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9401424	A1	19940120	WO 1993-EP1803	19930708
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
IL 106122	A1	19970415	IL 1993-106122	19930624
AU 9345672	A1	19940131	AU 1993-45672	19930708
AU 669921	B2	19960627		
EP 649420	A1	19950426	EP 1993-915866	19930708
EP 649420	B1	19970502		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07508743	T2	19950928	JP 1993-502978	19930708
HU 71981	A2	19960328	HU 1995-53	19930708
HU 219133	B	20010228		
CZ 282167	B6	19970514	CZ 1995-5	19930708
AT 152449	E	19970515	AT 1993-915866	19930708
ES 2102662	T3	19970801	ES 1993-915866	19930708
RU 2105762	C1	19980227	RU 1995-105585	19930708
PL 173434	B1	19980331	PL 1993-307129	19930708
BR 9306695	A	19981208	BR 1993-6695	19930708
SK 279604	B6	19990111	SK 1995-25	19930708
CN 1084167	A	19940323	CN 1993-108160	19930709
CN 1035553	B	19970806		
US 5495019	A	19960227	US 1995-362450	19950316

PRAI EP 1992-111746 19920710
WO 1993-EP1803 19930708
OS CASREACT 120:245129

L5 ANSWER 51 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 120:178118 MARPAT
TI Silver halide photographic material
IN Tamura, Yoko
PA Fuji Photo Film Co Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 30 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 05289238	A2	19931105	JP 1992-114326	19920408
PRAI JP 1992-114326	19920408			

L5 ANSWER 52 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 119:138979 MARPAT
TI Preparation of 2-[(1,2,3-triazolylmethyl)phenyl]carbapenems as antibacterial agents
IN Schmitt, Susan M.
PA Merck and Co., Inc., USA
SO U.S., 23 pp. Cont. of U.S. Ser. No. 793,270, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5208229	A	19930504	US 1992-859599	19920323
PRAI US 1990-619647	19901129			
US 1991-793270	19911113			

L5 ANSWER 53 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 119:116977 MARPAT
TI Preparation and use of styrene derivatives as neoplasm inhibitors
IN Kitano, Yasunori; Takayanagi, Hisao; Sugawara, Koichi; Hara, Hiroto; Nakamura, Hideo; Oshino, Toshiko
PA Mitsubishi Kasei Corp., Japan
SO Eur. Pat. Appl., 48 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 537742	A2	19930421	EP 1992-117632	19921015
EP 537742	A3	19930512		
EP 537742	B1	19960821		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 05301838	A2	19931116	JP 1992-266027	19921005
CA 2080554	AA	19930416	CA 1992-2080554	19921014
ES 2093753	T3	19970101	ES 1992-117632	19921015
US 5514711	A	19960507	US 1995-369263	19950105
PRAI JP 1991-266461	19911015			

JP 1992-266027 19921005
US 1992-961315 19921015

L5 ANSWER 54 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 119:95345 MARPAT
TI Process for the preparation of 4-aryl-1,4-dihydropyridine-3,5-dicarboxylates
IN Auerbach, Joseph
PA Merck and Co., Inc., USA
SO Eur. Pat. Appl., 28 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 534520	A2	19930331	EP 1992-202690	19920905
	EP 534520	A3	19930505		
	EP 534520	B1	19970319		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	US 5310917	A	19940510	US 1992-920701	19920728
PRAI	US 1991-759026	19910913			
	US 1992-920701	19920728			

L5 ANSWER 55 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 118:244465 MARPAT
TI Silver halide photographic light-sensitive material
IN Matushita, Tetunori
PA Fuji Photo Film Co., Ltd., Japan
SO Eur. Pat. Appl., 74 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 508432	A1	19921014	EP 1992-106180	19920409
	EP 508432	B1	19980325		
	R: DE, FR, GB, NL				
	JP 04311952	A2	19921104	JP 1991-103584	19910410
	US 5266453	A	19931130	US 1992-866517	19920410
PRAI	JP 1991-103584	19910410			

L5 ANSWER 56 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 116:13416 MARPAT
TI Pressure- and heat-sensitive recording materials with good sensitivity, storability and image stability
IN Sano, Masajiro; Takashima, Masanobu; Satomura, Masato
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03142277	A2	19910618	JP 1989-282319	19891030

PRAI JP 1989-282319 19891030

L5 ANSWER 57 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 115:8580 MARPAT
TI Preparation of basic 4-aryldihydropyridinamides as pharmaceutical agents
IN Stoltefuss, Juergen; Schwenner, Eckhard; Gross, Rainer; Hebisch, Siegbert; Schramm, Matthias; Bechem, Martin; Hirth, Claudia; Stasch, Johannes Peter
PA Bayer A.-G., Germany
SO Ger. Offen., 32 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3833892	A1	19900412	DE 1988-3833892	19881005
	NO 8903756	A	19900406	NO 1989-3756	19890921
	EP 362632	A2	19900411	EP 1989-117494	19890921
	EP 362632	A3	19901107		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	US 5015650	A	19910514	US 1989-413365	19890927
	CA 2000081	AA	19900405	CA 1989-2000081	19891003
	FI 8904677	A	19900406	FI 1989-4677	19891003
	DD 296683	A5	19911212	DD 1989-342972	19891003
	DD 297813	A5	19920123	DD 1989-333272	19891003
	DK 8904898	A	19900406	DK 1989-4898	19891004
	ZA 8907532	A	19900627	ZA 1989-7532	19891004
	AU 8942609	A1	19900412	AU 1989-42609	19891005
	AU 616801	B2	19911107		
	CN 1041758	A	19900502	CN 1989-107734	19891005
	HU 52055	A2	19900628	HU 1989-5229	19891005
	JP 02169572	A2	19900629	JP 1989-258935	19891005

PRAI DE 1988-3833892 19881005

L5 ANSWER 58 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 114:159137 MARPAT
TI Formulation of fungicides with polymers
IN Friedrichs, Edmund; Albert, Guide
PA Shell Internationale Research Maatschappij B. V., Neth.
SO Ger. Offen., 8 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3903247	A1	19900809	DE 1989-3903247	19890203
	US 5304376	A	19940419	US 1990-468895	19900123
	ZA 9000628	A	19901031	ZA 1990-628	19900129
	EP 381290	A2	19900808	EP 1990-200223	19900130
	EP 381290	A3	19910417		
	EP 381290	B1	19950503		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL				
	AT 121902	E	19950515	AT 1990-200223	19900130
	ES 2071743	T3	19950701	ES 1990-200223	19900130
	AU 9048950	A1	19900809	AU 1990-48950	19900131
	AU 628915	B2	19920924		
	JP 02250806	A2	19901008	JP 1990-22353	19900202

PRAI DE 1989-3903247 19890203

L5 ANSWER 59 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 114:81892 MARPAT
TI Preparation of herbicidal triazinediones
IN Theodoridis, George
PA FMC Corp., USA
SO U.S., 10 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4956004	A	19900911	US 1989-350053	19890510
PRAI	US 1989-350053		19890510		

L5 ANSWER 60 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 112:76970 MARPAT
TI Preparation of (acylamino)indolinones and -quinolinanes as blood platelet aggregation inhibitors
IN Zilch, Harald; Mertens, Alfred; Von der Saal, Wolfgang; Boehm, Erwin; Strein, Klaus
PA Boehringer Mannheim G.m.b.H., Fed. Rep. Ger.
SO Ger. Offen., 12 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3803775	A1	19890817	DE 1988-3803775	19880209
	DK 8900492	A	19890810	DK 1989-492	19890202
	EP 327986	A2	19890816	EP 1989-101868	19890203
	EP 327986	A3	19920108		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	US 4985448	A	19910115	US 1989-307417	19890206
	HU 50118	A2	19891228	HU 1989-578	19890207
	DD 283376	A5	19901010	DD 1989-325587	19890207
	AU 8929741	A1	19890810	AU 1989-29741	19890208
	AU 617760	B2	19911205		
	FI 8900605	A	19890810	FI 1989-605	19890208
	ZA 8900958	A	19891025	ZA 1989-958	19890208
	JP 01250352	A2	19891005	JP 1989-28819	19890209
	US 5373019	A	19941213	US 1991-640445	19910111
PRAI	DE 1988-3803775		19880209		
	US 1989-307417		19890206		

OS CASREACT 112:76970

L5 ANSWER 61 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 111:115180 MARPAT
TI Preparation of 6,7-dihydro-3H,5H-pyrrolo[2,3-f]benzimidazol-6-ones as cardiovascular agents
IN Mertens, Alfred; Hoelck, Jens Peter; Kampe, Wolfgang; Mueller-Beckmann, Bernd; Strein, Klaus; Schaumann, Wolfgang
PA Boehringer Mannheim G.m.b.H., Fed. Rep. Ger.
SO U.S., 14 pp. Cont.-in-part of U.S. Ser. No. 807,260.
CODEN: USXXAM

DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4810801	A	19890307	US 1987-103895	19871001
	DE 3445669	A1	19860619	DE 1984-3445669	19841214
	US 4710510	A	19871201	US 1985-807260	19851210
PRAI	DE 1984-3445669	19841214			
	US 1985-807260	19851210			

OS CASREACT 111:115180

L5 ANSWER 62 OF 62 MARPAT COPYRIGHT 2003 ACS on STN
AN 110:172892 MARPAT
TI Process for the preparation of 3,3-diarylacrylamides as agrochemical fungicides
IN Curtze, Juergen
PA Shell Internationale Research Maatschappij B. V., Neth.
SO Eur. Pat. Appl., 10 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 294907	A1	19881214	EP 1988-201191	19880609
	EP 294907	B1	19940601		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	DE 3719488	A1	19881229	DE 1987-3719488	19870611
	US 4933449	A	19900612	US 1988-200856	19880601
	BR 8802830	A	19890103	BR 1988-2830	19880609
	JP 01025750	A2	19890127	JP 1988-140675	19880609
	JP 08022840	B4	19960306		
	CN 1038810	A	19900117	CN 1988-103469	19880609
	CN 1020727	B	19930519		
	AT 106397	E	19940615	AT 1988-201191	19880609
	ES 2053707	T3	19940801	ES 1988-201191	19880609
PRAI	DE 1987-3719488	19870611			
	EP 1988-201191	19880609			

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L2 282 S L1 SSS FULL

FILE 'CAOLD' ENTERED AT 07:56:36 ON 25 AUG 2003
S L1

FILE 'REGISTRY' ENTERED AT 07:56:42 ON 25 AUG 2003
L3 282 S L1 SSS FULL

FILE 'CAOLD' ENTERED AT 07:56:43 ON 25 AUG 2003
L4 0 S L3 SSS FULL

FILE 'MARPAT' ENTERED AT 07:56:56 ON 25 AUG 2003
L5 62 S L2 SSS FULL

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 114.37 412.08

FILE 'CAPLUS' ENTERED AT 07:58:56 ON 25 AUG 2003
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FILE COVERS 1907 - 25 Aug 2003 VOL 139 ISS 9
FILE LAST UPDATED: 24 Aug 2003 (20030824/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2
L6 19 L2

=> d l6 fbib hitstr abs total

L6 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:368903 CAPLUS
DN 138:368609
TI Preparation of phenyl sulfones or sulfoxides as telomerase inhibitors for antitumor agents
IN Kanda, Hiroshi; Nakatsu, Rieko; Asai, Akiyoshi; Yamashita, Nobunori
PA Kyowa Hakko Kogyo Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

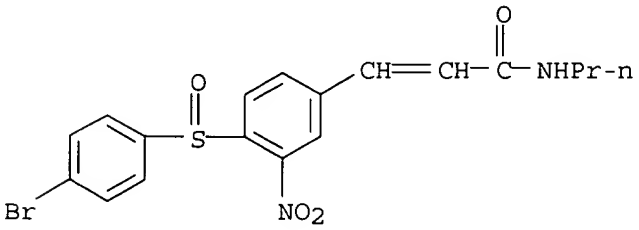
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003137861	A2	20030514	JP 2001-340850	20011106
			JP 2001-340850	20011106

OS MARPAT 138:368609
IT **524054-52-2P 524054-53-3P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of Ph sulfones or sulfoxides as telomerase inhibitors for

antitumor agents)

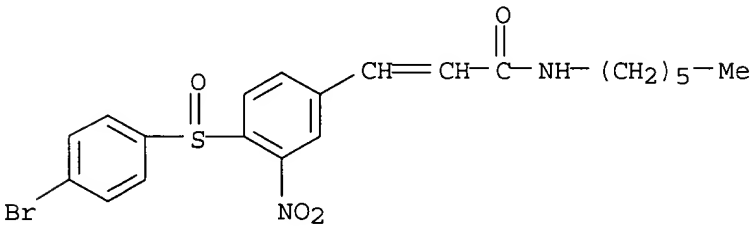
RN 524054-52-2 CAPLUS

CN 2-Propenamide, 3-[4-[(4-bromophenyl)sulfinyl]-3-nitrophenyl]-N-propyl- (9CI) (CA INDEX NAME)



RN 524054-53-3 CAPLUS

CN 2-Propenamide, 3-[4-[(4-bromophenyl)sulfinyl]-3-nitrophenyl]-N-hexyl- (9CI) (CA INDEX NAME)



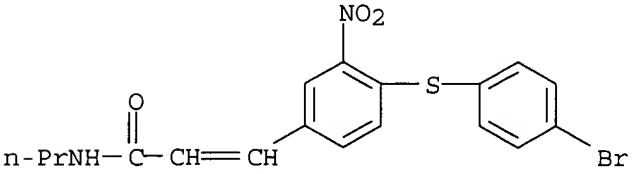
IT **524054-61-3P 524054-62-4P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of Ph sulfones or sulfoxides as telomerase inhibitors for antitumor agents)

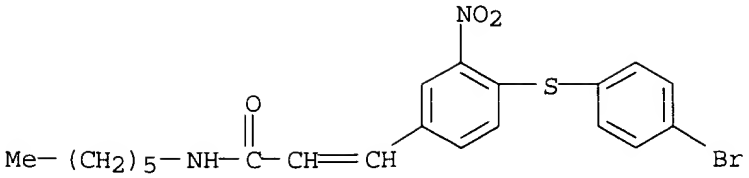
RN 524054-61-3 CAPLUS

CN 2-Propenamide, 3-[4-[(4-bromophenyl)thio]-3-nitrophenyl]-N-propyl- (9CI) (CA INDEX NAME)

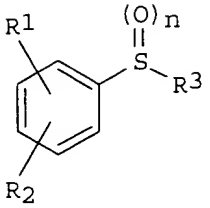


RN 524054-62-4 CAPLUS

CN 2-Propenamide, 3-[4-[(4-bromophenyl)thio]-3-nitrophenyl]-N-hexyl- (9CI) (CA INDEX NAME)



GI



I

AB The compds. I [R1 = NO2, cyano, NH2, lower alkanoylamino, etc.; R2 = CR2a:CR2bCOR2c; R2a, R2b = H, (un)substituted lower alkyl; R2c = OH, (un)substituted lower alkoxy, amino, lower alkylamino, etc.; R3 = (un)substituted aryl; n = 1-2] or their pharmaceutically acceptable sats are prepd. A sulfide I (R1 = CH:CHCO2CMe3 at p-position, R2 = NO2 at m-position, R3 = p-MePh, n = 0) was treated with m-chloroperbenzoic acid in CH2Cl2-MeOH at room temp. for 1 h to give 81% I (R1 = CH:CHCO2CMe3 at p-position, R2 = NO2 at m-position, R3 = p-MePh, n = 1), showing good inhibitory activity against telomerase in human kidney cancer cell strain.

L6 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:348788 CAPLUS
DN 138:353993
TI Preparation of benzimidazole derivatives as prodrugs of proton pump inhibitors
IN Garst, Michael E.; Sachs, George; Shin, Jai Moo
PA Regents of the University of California, USA; The United States Department of Veteran Affairs; Winston Pharmaceuticals, LLC
SO U.S., 38 pp., Cont.-in-part of U.S. Ser. No. 364,381, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6559167	B1	20030506	US 2001-783807	20010214
				US 1998-131481 A2	19980810
				US 1999-364381 B2	19990729
	US 6093734	A	20000725	US 1998-131481	19980810

PATENT FAMILY INFORMATION:
FAN 2000:133673

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000009498	A1	20000224	WO 1999-US18048	19990809

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,

MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
US 6093734		A	20000725	US 1998-131481 19980810
CA 2338311		AA	20000224	CA 1999-2338311 19990809
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
AU 9955518		A1	20000306	AU 1999-55518 19990809
AU 752292		B2	20020912	
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
BR 9912937		A	20010508	BR 1999-12937 19990809
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
EP 1105387		A1	20010613	EP 1999-942057 19990809
EP 1105387		B1	20030129	

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

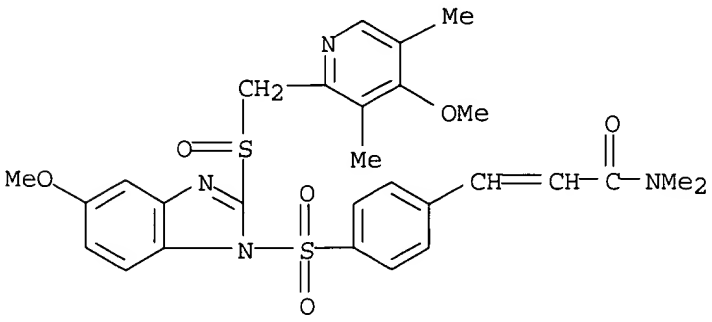
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
NZ 510180		A	20021126	NZ 1999-510180 19990809
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
AT 231857		E	20030215	AT 1999-942057 19990809
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
BG 105191		A	20011231	BG 2001-105191 20010126
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
FI 2001000248		A	20010209	FI 2001-248 20010209
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
NO 2001000693		A	20010305	NO 2001-693 20010209
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809
HR 2001000106		A1	20020228	HR 2001-106 20010209
				US 1998-131481 A 19980810
				US 1999-364381 A 19990729
				WO 1999-US18048W 19990809

OS MARPAT 138:353993

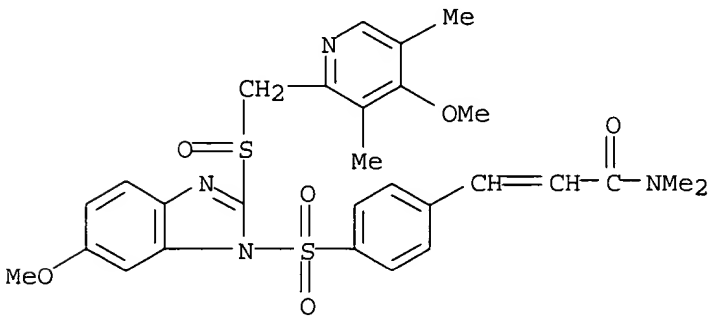
IT **519182-92-4P 519182-93-5P 519182-94-6P 519182-95-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)
(prepn. of benzimidazole derivs. as prodrugs of proton pump inhibitors)

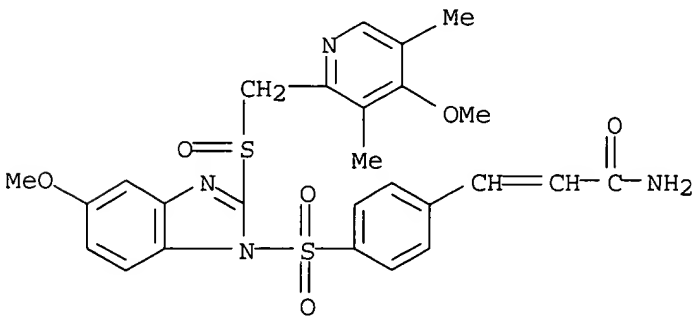
RN 519182-92-4 CAPLUS
CN 2-Propenamide, 3-[4-[[5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazol-1-yl]sulfonyl]phenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



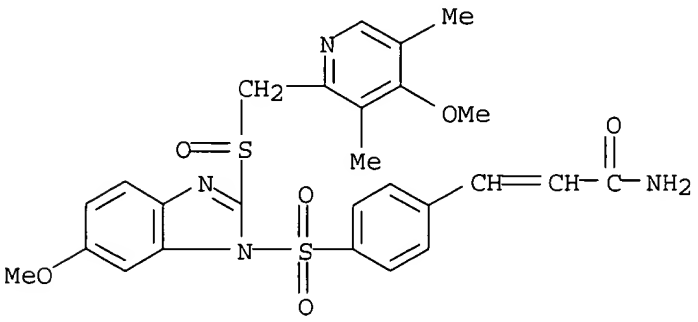
RN 519182-93-5 CAPLUS
CN 2-Propenamide, 3-[4-[[6-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazol-1-yl]sulfonyl]phenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



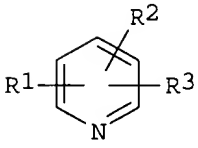
RN 519182-94-6 CAPLUS
CN 2-Propenamide, 3-[4-[[5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazol-1-yl]sulfonyl]phenyl]- (9CI) (CA INDEX NAME)



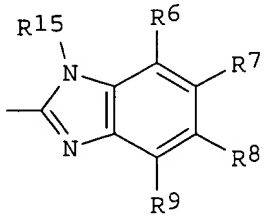
RN 519182-95-7 CAPLUS
CN 2-Propenamide, 3-[4-[[6-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazol-1-yl]sulfonyl]phenyl]- (9CI) (CA INDEX NAME)



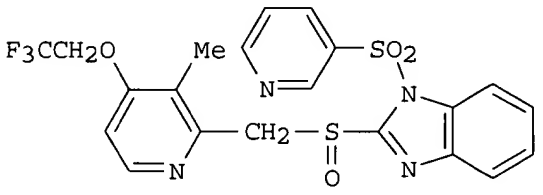
GI



II



III



IV

AB The title compds. Het1XSOHet2 [I; Het1 = II; X = CHR10; Het2 = III; R1-R3 = H, alkyl, fluoroalkyl, etc.; R6-R9 = H, alkyl, haloalkyl, etc.; R10 = H, alkyl; R15 = SO2R21(R17); R17 = alkyl, haloalkyl, alkoxy, etc.; R21 = (un)substituted aralkyl, heteroarylalkyl] which are prodrugs of the pyridyl Me sulfinyl benzimidazole type proton pump inhibitor drugs having a hydrolyzable arylsulfonyl or heteroarylsulfonyl group attached to the benzimidazole nitrogen, were prepd. Thus, reacting 2-({[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl]methyl}sulfinyl)-1H-benzimidazole with pyridine-3-sulfonyl chloride in the presence of Et3N in CH2Cl2 afforded the title compd. IV. The prodrugs I hydrolyze under physiol. conditions to provide the proton pump inhibitors with a half life measurable in hours, and are capable of providing sustained plasma concns. of the proton pump inhibitor drugs for longer time than presently used drugs. The

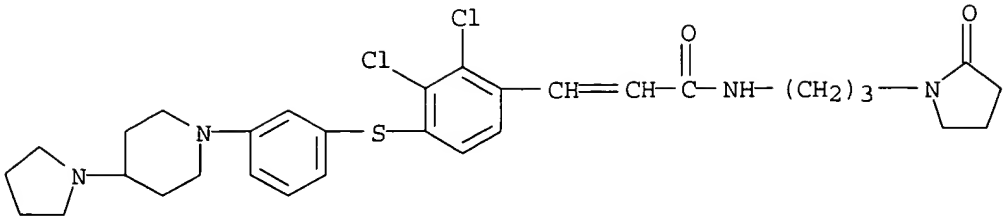
generation of the proton pump inhibitor drugs from the prodrugs of the invention (I) under physiol. conditions allows for more effective treatment of several diseases and conditions caused by gastric acid secretion (e.g., ulcers). Biol. data for compds. I were given.

RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

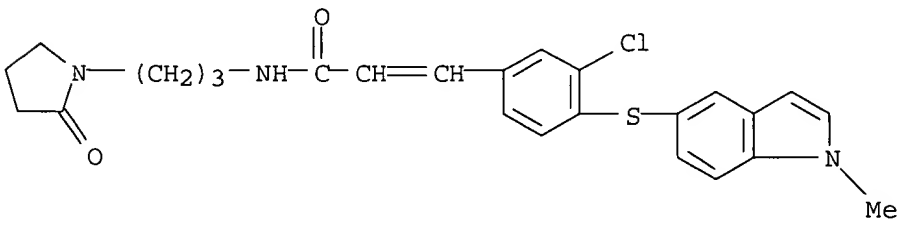
L6 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:293978 CAPLUS
DN 136:337341
TI Materials and methods to modulate ligand binding/enzymic activity of .alpha./.beta. proteins containing an allosteric regulatory site
IN Stauton, Donald E.
PA Icos Corporation, USA
SO PCT Int. Appl., 163 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002031511	A2	20020418	WO 2001-US32047	20011012
WO 2002031511	A3	20030313		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
			US 2000-239750PP	20001012
AU 2002013196	A5	20020422	AU 2002-13196	20011012
			US 2000-239750PP	20001012
			WO 2001-US32047W	20011012
US 2003088061	A1	20030508	US 2001-976935	20011012
			US 2000-239750PP	20001012
EP 1325341	A2	20030709	EP 2001-981560	20011012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
			US 2000-239750PP	20001012
			WO 2001-US32047W	20011012

IT **415717-88-3 415718-54-6**
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(materials and methods to modulate ligand binding/enzymic activity of .alpha./.beta. proteins contg. allosteric regulatory site)
RN 415717-88-3 CAPLUS
CN 2-Propenamide, 3-[2,3-dichloro-4-[[3-[4-(1-pyrrolidinyl)-1-piperidinyl]phenyl]thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]- (9CI) (CA INDEX NAME)



RN 415718-54-6 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(1-methyl-1H-indol-5-yl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]- (9CI) (CA INDEX NAME)



AB Methods of modulating binding between an .alpha./.beta. protein and a binding partner are provided, along with methods of identifying modulators and their use. The methods comprise contacting the .alpha./.beta. protein with an allosteric effector mol. which binds to an allosteric site of the .alpha./.beta. protein and alters the conformation of the .alpha./.beta. protein such that the binding of the .alpha./.beta. protein to a binding partner is modulated. Thus, a primary screen for inhibitors of the classical pathway complement protein C2 and alternative pathway complement protein factor B involving modifications of std. hemolytic CH50 and AH50 assays in a microtiter plate format was carried out. Lead compds. identified in this screen were submitted to a second screening using purified complement proteins to det. which stage of complement activation the compds. inhibited. Five diaryl sulfides were identified. Numerous other assays, e.g., to identify inhibitors of integrin .alpha.E.beta.y interaction with E cadherin, inhibitors of Rac1 GDP-GTP exchange, or antagonists of E. coli 6-hydroxymethyl-7,8-dihydropterin pyrophosphokinase, were conducted as well.

L6 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:850646 CAPLUS
DN 135:371527
TI Preparation of bisacylguanidine with cardioprotective activity
IN Gericke, Rolf; Beier, Norbert
PA Merck Patent G.m.b.H., Germany
SO Ger. Offen., 12 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10024319	A1	20011122	DE 2000-10024319	20000517
	WO 2001087829	A1	20011122	WO 2001-EP4425	20010419

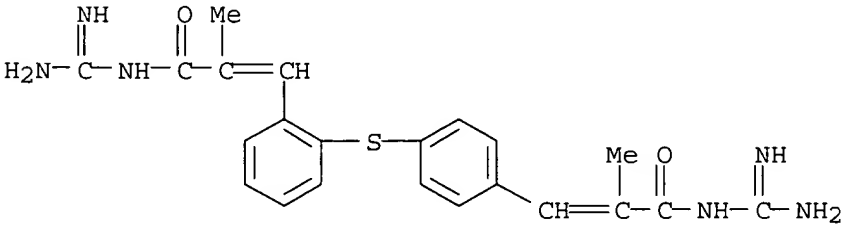
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
DE 2000-10024319A 20000517

OS CASREACT 135:371527; MARPAT 135:371527

IT **374681-65-9P 374681-67-1P 374681-68-2P 374681-70-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of cardioprotective bisacylguanidines that work as inhibitors of the cellular Na+/H+ antiporters)

RN 374681-65-9 CAPLUS

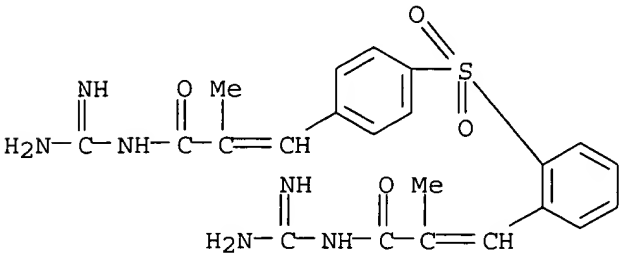
CN 2-Propenamide, N-(aminoiminomethyl)-3-[2-[[4-[3-[(aminoiminomethyl)amino]-2-methyl-3-oxo-1-propenyl]phenyl]thio]phenyl]-2-methyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

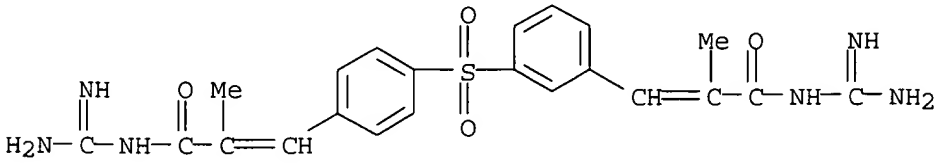
RN 374681-67-1 CAPLUS

CN 2-Propenamide, N-(aminoiminomethyl)-3-[2-[[4-[3-[(aminoiminomethyl)amino]-2-methyl-3-oxo-1-propenyl]phenyl]sulfonyl]phenyl]-2-methyl-, dihydrochloride (9CI) (CA INDEX NAME)



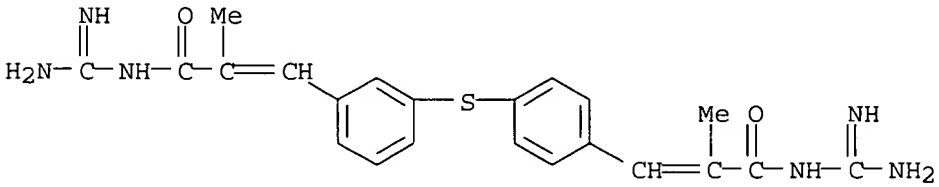
2 HCl

RN 374681-68-2 CAPLUS
CN 2-Propenamide, N-(aminoiminomethyl)-3-[3-[[4-[3-[(aminoiminomethyl)amino]-2-methyl-3-oxo-1-propenyl]phenyl]sulfonyl]phenyl]-2-methyl-, dihydrochloride (9CI) (CA INDEX NAME)



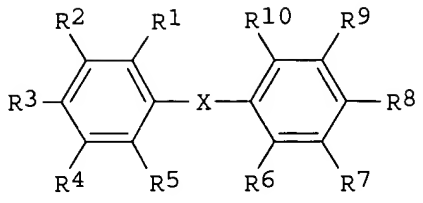
●2 HCl

RN 374681-70-6 CAPLUS
CN 2-Propenamide, N-(aminoiminomethyl)-3-[3-[[4-[3-[(aminoiminomethyl)amino]-2-methyl-3-oxo-1-propenyl]phenyl]thio]phenyl]-2-methyl-, dihydrochloride (9CI) (CA INDEX NAME)

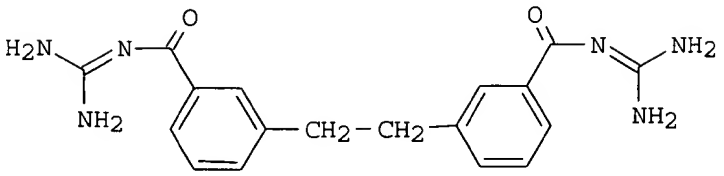


●2 HCl

GI



I



II

AB Bisacylguanidines I [one of R1, R2, R3, R4 or R5 = CON:C(NH2)2, CH:CMeCON:C(NH2)2 and one of R6, R7, R8, R9 or R10 = CON:C(NH2)2, CH:CMeCON:C(NH2)2; the other R1 - R10 = H, A, CH, F, Cl, Br, I, SA, OA, SO2A, OH, NH2, NHA, NA2, COA, (un)substituted Ph, CH2Ph, OPh, N-, S-, O-contg. heterocycle; X = S, SO2, (CH2)n, CO,O, OCH2; A = C1-8-alkyl; n = 1 - 3] and their physiol. harmless salts and/or solvates, with cardioprotective characteristics and works as inhibitors of the cellular Na+/H+ antiporters of the Subtyp 1 are described. Thus, N-{3-[2-(3-guanidinocarbonylphenyl)ethyl]benzoyl}guanidine dihydrochloride (II.cntdot.HCl), was prepd. from 3-[2-(3-carboxyphenyl)ethyl]benzoic acid and Boc-guanidine in 1-methyl-2-pyrrolidone contg. 2-chloro-1-methylpyridinium iodide and Et2NCHMe2, followed by hydrolysis with aq. HCl. Formulations for use in injections, suppositories, solns., tablets, capsules and ampules are given.

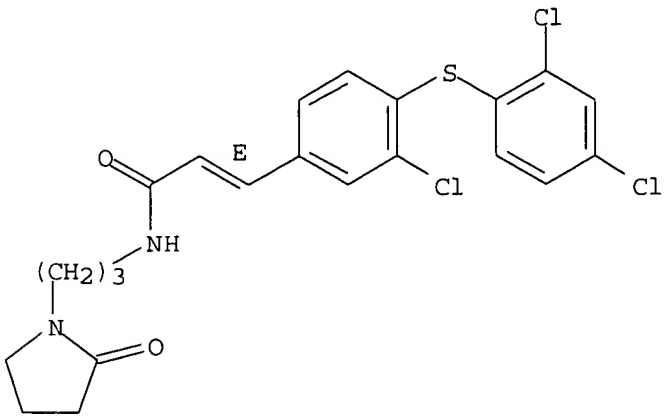
L6 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:555592 CAPLUS
DN 135:282681
TI Discovery of Potent Antagonists of Leukocyte Function-Associated Antigen-1/Intercellular Adhesion Molecule-1 Interaction. 3. Amide (C-Ring) Structure-Activity Relationship and Improvement of Overall Properties of Arylthio Cinnamides
AU Pei, Zhonghua; Xin, Zhili; Liu, Gang; Li, Yihong; Reilly, Edward B.; Lubbers, Nathan L.; Huth, Jeffery R.; Link, James T.; von Geldern, Thomas W.; Cox, Bryan F.; Leitza, Sandra; Gao, Yi; Marsh, Kennan C.; DeVries, Peter; Okasinski, Greg F.
CS Departments of Metabolic Disease Research Integrative Pharmacology Advanced Technology and Drug Analysis Pharmaceutical Products Division, Abbott Laboratories, Abbott Park, IL, 60064, USA
SO Journal of Medicinal Chemistry (2001), 44(18), 2913-2920
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT **280748-73-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)
(discovery of potent antagonists of LFA-1/ICAM-1 interaction. 3. amide SAR and improvement of overall properties of arylthio cinnamides)

RN 280748-73-4 CAPLUS

CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



AB The interaction of LFA-1 and ICAM-1 plays an important role in the cell adhesion process. On the basis of previously reported SAR and structural information on the binding of our p-arylthiocinnamide series to LFA-1, we have identified the cyclic amide (C-ring) as a site for modification. Improvement in potency and, more importantly, in the phys. properties and pharmacokinetic profiles of the leading compds. resulted from this modification. One of the best compds. (11f) is also shown to reduce myocardial infarct size in rat.

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:736318 CAPLUS

DN 134:25112

TI Discovery of Novel p-Arylthio Cinnamides as Antagonists of Leukocyte Function-Associated Antigen-1/Intracellular Adhesion Molecule-1 Interaction. 1. Identification of an Additional Binding Pocket Based on an Anilino Diaryl Sulfide Lead

AU Liu, Gang; Link, J. T.; Pei, Zhonghua; Reilly, Edward B.; Leitza, Sandra; Nguyen, Bach; Marsh, Kennan C.; Okasinski, Gregory F.; von Geldern, Thomas W.; Ormes, Mark

CS Metabolic Disease Research and Drug Analysis Department Pharmaceutical Products Division, Abbott Laboratories, Abbott Park, IL, 60064-6098, USA

SO Journal of Medicinal Chemistry (2000), 43(21), 4025-4040
CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

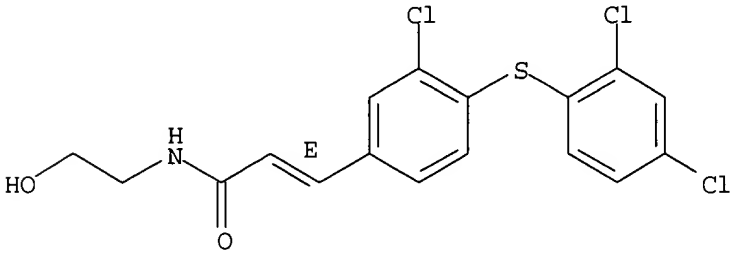
LA English

IT **280748-70-1P 280748-71-2P 280748-72-3P**
280749-00-0P 280749-30-6P 280752-58-1P
311808-38-5P 311808-39-6P 311808-43-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. of arylthio cinnamides as antagonists of leukocyte function-assocd. antigen-1/ICAM-1 interaction)

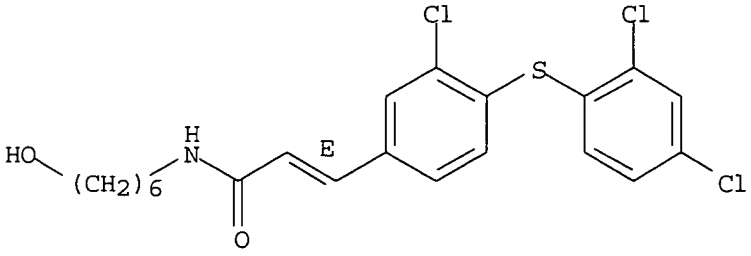
RN 280748-70-1 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-(2-hydroxyethyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



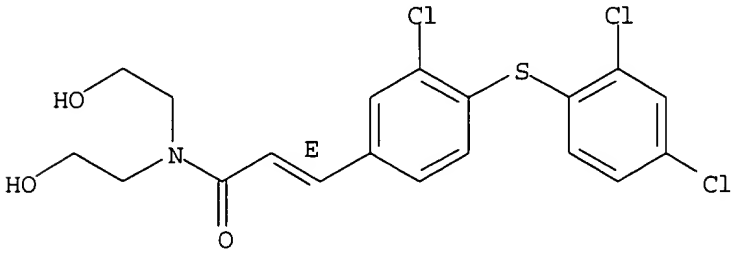
RN 280748-71-2 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-(6-hydroxyhexyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



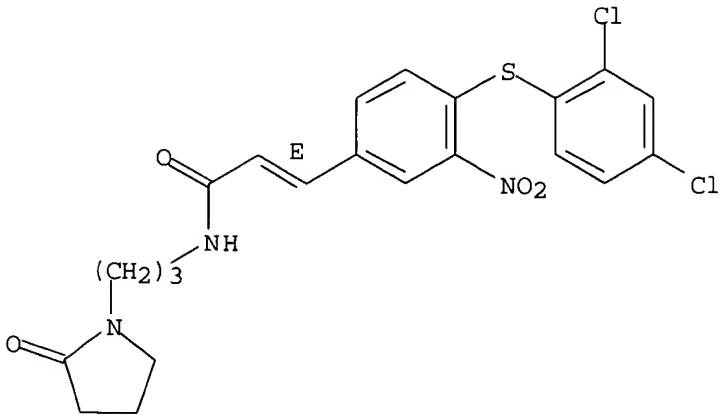
RN 280748-72-3 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N,N-bis(2-hydroxyethyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



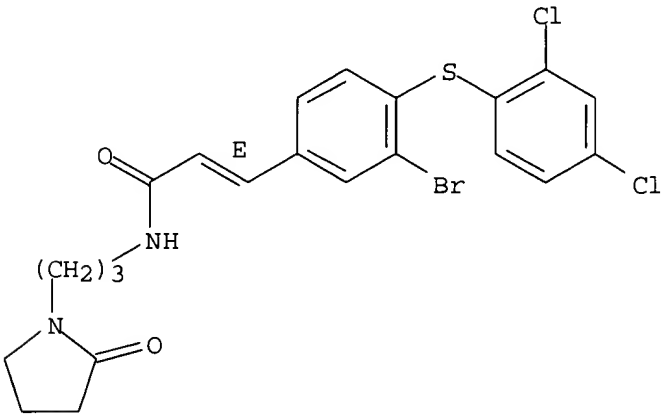
RN 280749-00-0 CAPLUS
CN 2-Propenamide, 3-[4-[(2,4-dichlorophenyl)thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



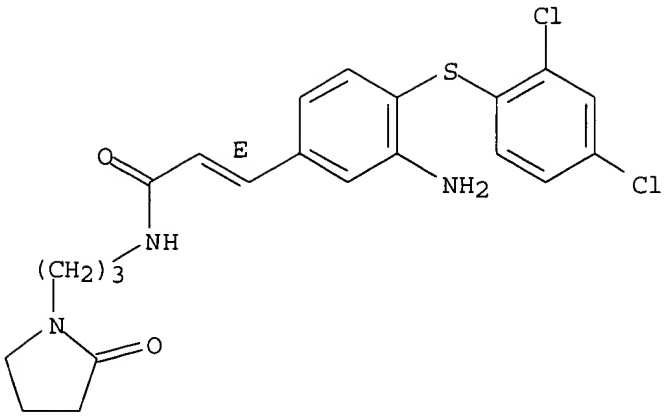
RN 280749-30-6 CAPLUS
CN 2-Propenamide, 3-[3-bromo-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



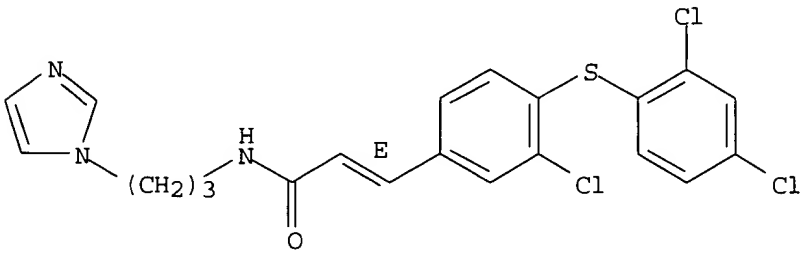
RN 280752-58-1 CAPLUS
CN 2-Propenamide, 3-[3-amino-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



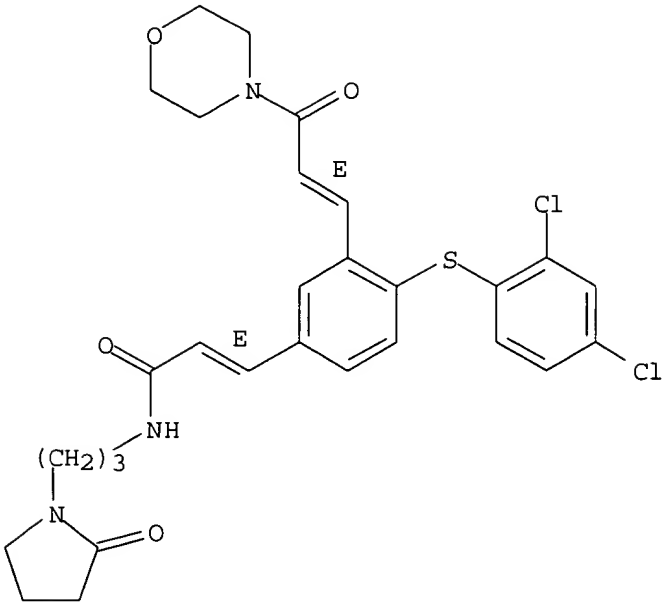
RN 311808-38-5 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(1H-imidazol-1-yl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



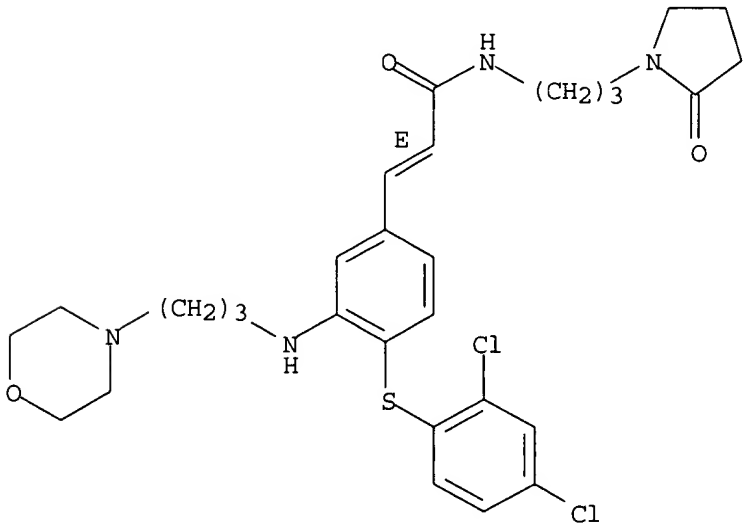
RN 311808-39-6 CAPLUS
CN 2-Propenamide, 3-[4-[(2,4-dichlorophenyl)thio]-3-[(1E)-3-(4-morpholinyl)-3-oxo-1-propenyl]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 311808-43-2 CAPLUS
CN 2-Propenamide, 3-[4-[(2,4-dichlorophenyl)thio]-3-[[3-(4-morpholinyl)propyl]amino]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



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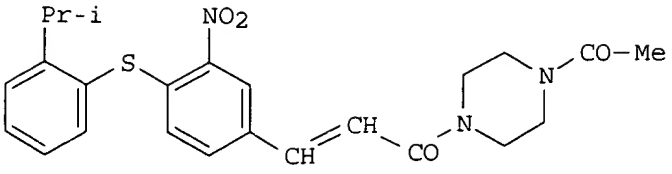

I

AB The interaction between leukocyte function-assocd. antigen-1 (LFA-1), a member of the .beta.2-integrin family of adhesion mols., and intracellular adhesion mol. ICAM-1 (cd54) is thought to play a crit. role in the inflammatory process. On the basis of an anilino diaryl sulfide screening lead, in combination with pharmacophore anal. of other screening hits, we have identified an adjacent binding pocket. Subsequently, a p-ethenylcarbonyl linker was discovered to be optimal for accessing this binding site. Soln.-phase parallel synthesis enabled rapid optimization of the cinnamides for this pocket. In conjunction with fine-tuning of the diaryl substituents, we discovered a novel series of potent, nonpeptide inhibitors of LFA-1/ICAM-1 interaction, exemplified by A-286982 (I), which has IC50 values of 44 and 35 nM in an LFA-1/ICAM-1 binding assay and LFA-1-mediated cellular adhesion assay, resp.

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:725609 CAPLUS
DN 133:296281
TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn, Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae, Hwan-soo; Lynch, John K.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 476 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000059880	A1	20001012	WO 2000-US8895	20000403

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			US 2000-541795 A	20000331
EP 1165505	A1	20020102	EP 2000-921654	20000403

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IE, SI, LT, LV, FI, RO			
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			WO 2000-US8895 W 20000403
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			US 1999-286645 A 19990402
			US 1999-474517 A 19991229
			US 2000-541795 A 20000331
			WO 2000-US8895 W 20000403
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			US 1999-286645 A 19990402
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			US 2000-541795 A 20000331
			WO 2000-US8895 W 20000403
NO 2001004767	A	20011130	NO 2001-4767 20011001
			US 1999-286645 A 19990402
			US 1999-474517 A 19991229
			WO 2000-US8895 W 20000403
BG 106029	A	20020531	BG 2001-106029 20011018
			US 1999-286645 A 19990402
			US 1999-474517 A 19991229
			US 2000-541795 A 20000331
			WO 2000-US8895 W 20000403
HR 2001000776	A1	20021231	HR 2001-776 20011023
			US 1999-286645 A 19990402
			US 1999-474517 A 19991229
			US 2000-541795 A 20000331
			WO 2000-US8895 W 20000403

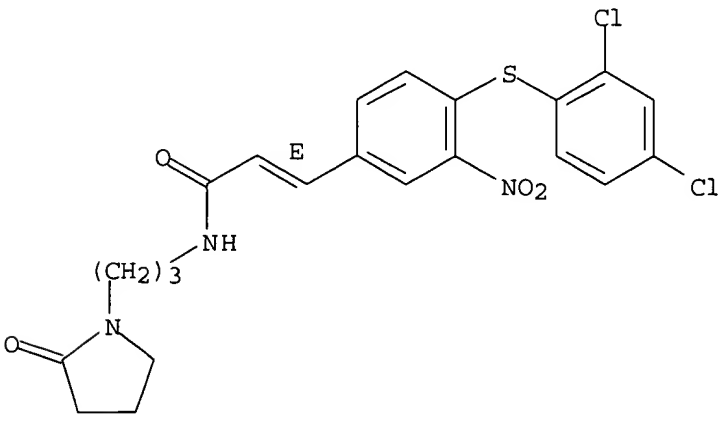
OS MARPAT 133:296281

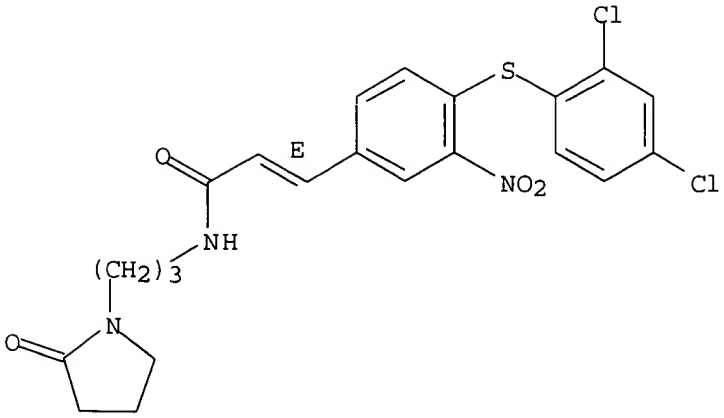
IT **280749-00-0P 280749-79-3P 301218-47-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)

RN 280749-00-0 CAPLUS

CN 2-Propenamide, 3-[4-[(2,4-dichlorophenyl)thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

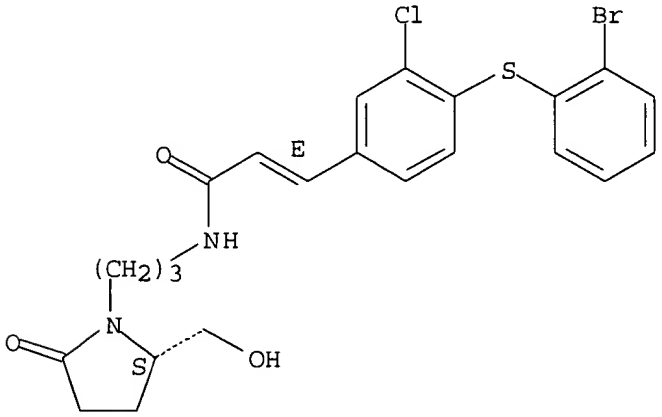
Double bond geometry as shown.



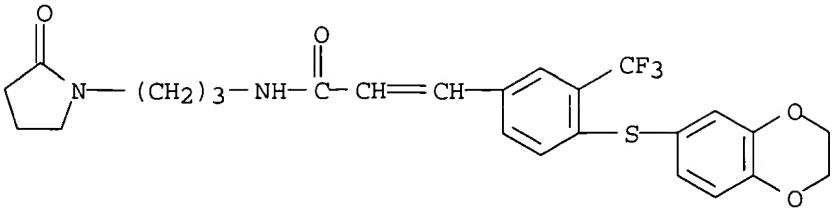


RN 280749-79-3 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-[(2S)-2-(hydroxymethyl)-5-oxo-1-pyrrolidinyl]propyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 301218-47-3 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-2(or 3)-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)



D1—CH_2—OH

IT **280748-70-1P 280748-71-2P 280748-72-3P**
280748-73-4P 280748-95-0P 280748-97-2P
280748-98-3P 280749-30-6P 280749-44-2P
280749-45-3P 280749-46-4P 280749-47-5P
280749-80-6P 280749-81-7P 280749-92-0P
280749-93-1P 280750-23-4P 280750-26-7P
280750-53-0P 280750-60-9P 280750-64-3P
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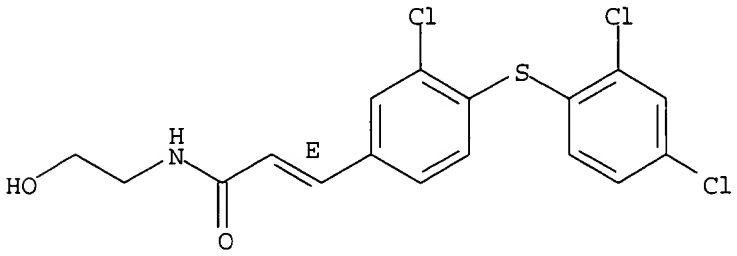
301179-57-7P 301179-58-8P 301179-62-4P
301179-63-5P 301218-22-4P 301218-84-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)

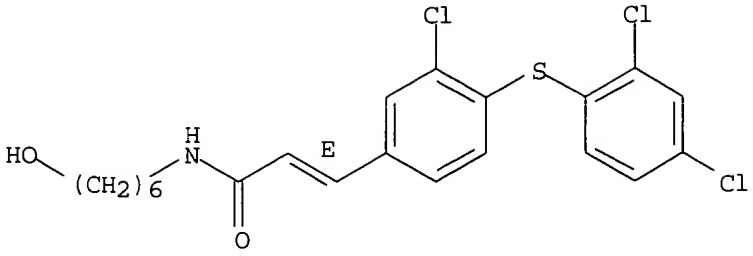
RN 280748-70-1 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-(2-hydroxyethyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



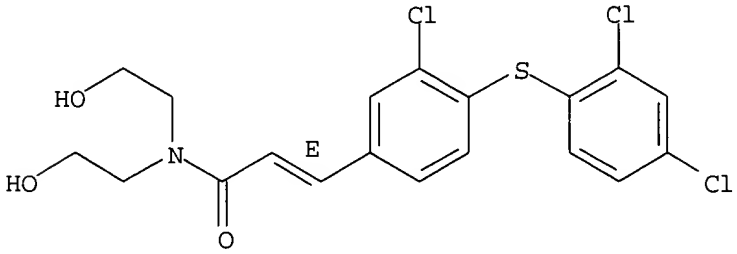
RN 280748-71-2 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-(6-hydroxyhexyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



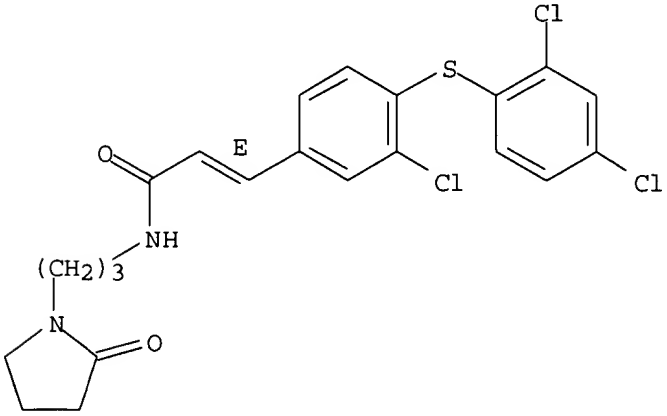
RN 280748-72-3 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N,N-bis(2-hydroxyethyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



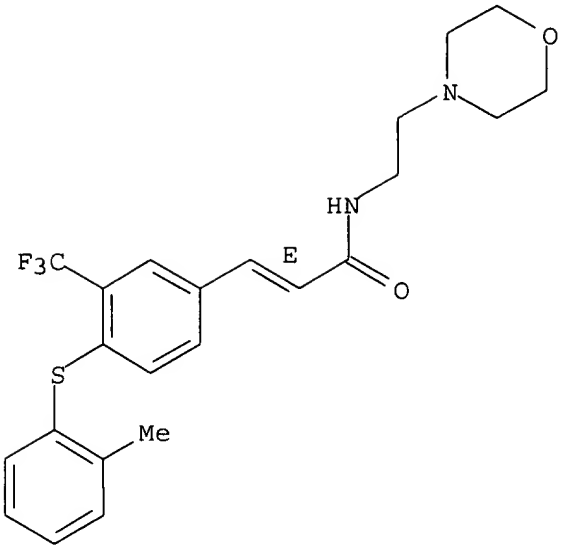
RN 280748-73-4 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



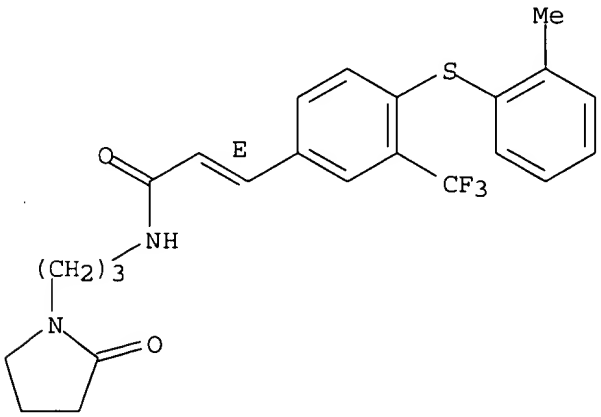
RN 280748-95-0 CAPLUS
CN 2-Propenamide, 3-[4-[(2-methylphenyl)thio]-3-(trifluoromethyl)phenyl]-N-[2-(4-morpholinyl)ethyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



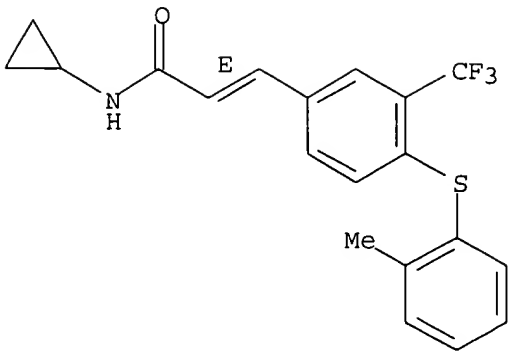
RN 280748-97-2 CAPLUS
CN 2-Propenamide, 3-[4-[(2-methylphenyl)thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



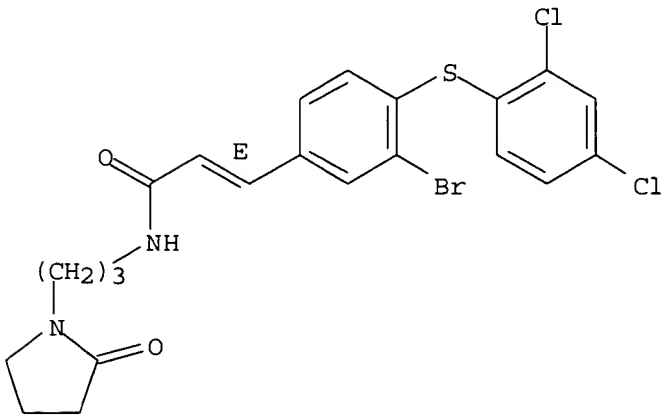
RN 280748-98-3 CAPLUS
CN 2-Propenamide, N-cyclopropyl-3-[4-[(2-methylphenyl)thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



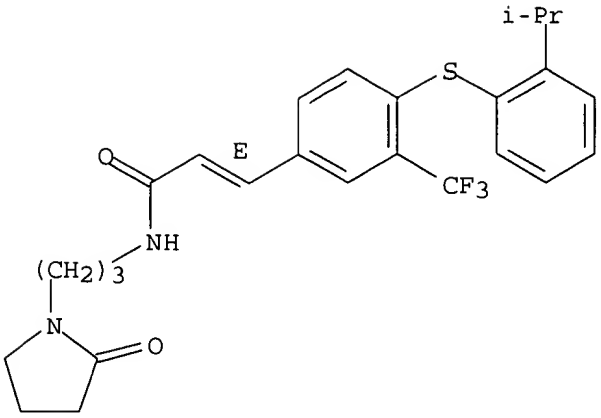
RN 280749-30-6 CAPLUS
CN 2-Propenamide, 3-[3-bromo-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



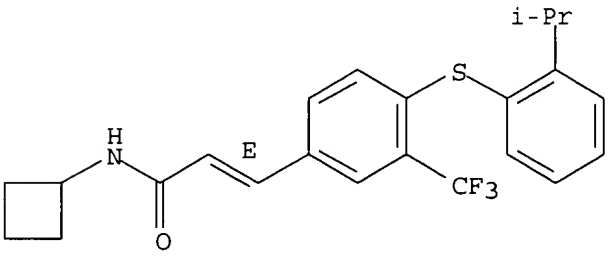
RN 280749-44-2 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



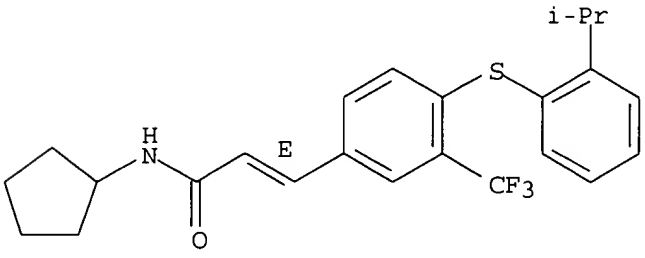
RN 280749-45-3 CAPLUS
CN 2-Propenamide, N-cyclobutyl-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



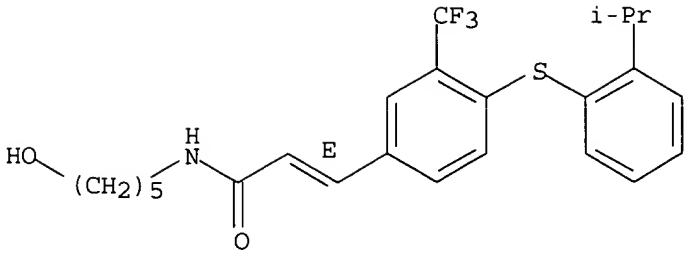
RN 280749-46-4 CAPLUS
CN 2-Propenamide, N-cyclopentyl-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



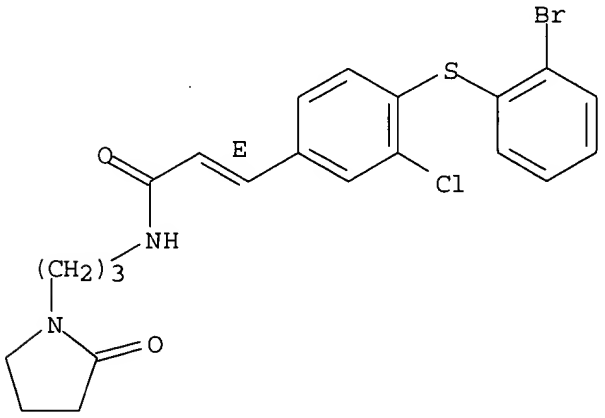
RN 280749-47-5 CAPLUS
CN 2-Propenamide, N-(5-hydroxypentyl)-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



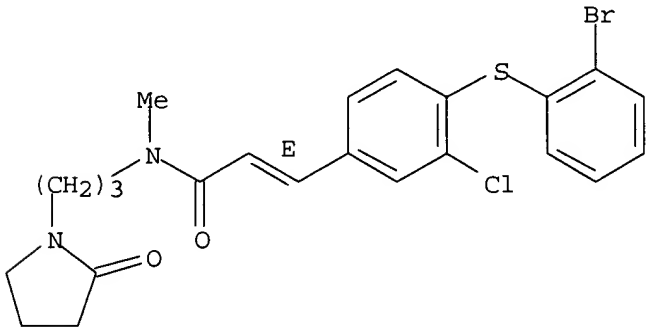
RN 280749-80-6 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



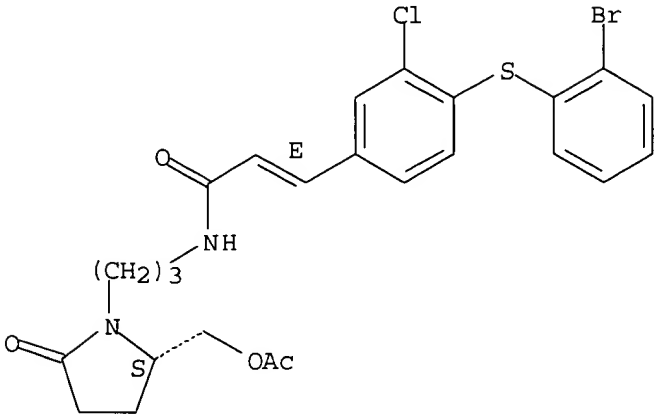
RN 280749-81-7 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-methyl-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



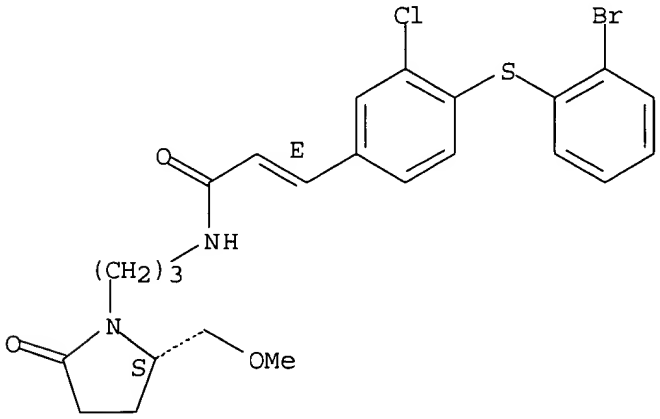
RN 280749-92-0 CAPLUS
CN 2-Propenamide, N-[3-[(2S)-2-[(acetyloxy)methyl]-5-oxo-1-pyrrolidinyl]propyl]-3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



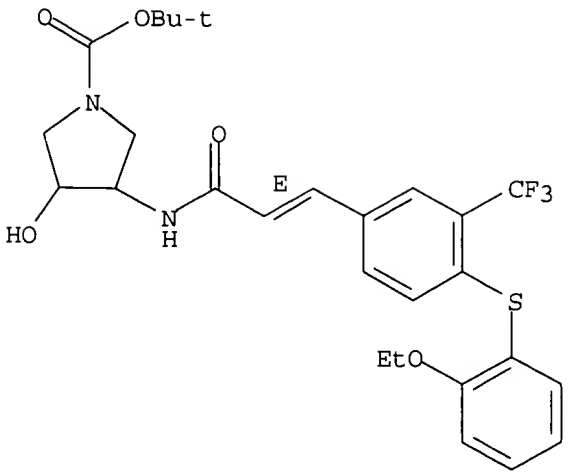
RN 280749-93-1 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-[(2S)-2-(methoxymethyl)-5-oxo-1-pyrrolidinyl]propyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



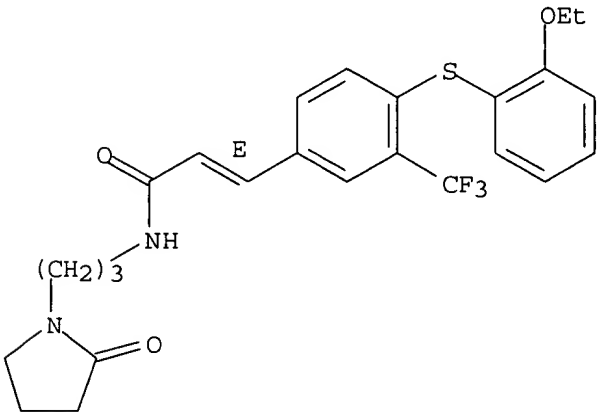
RN 280750-23-4 CAPLUS
CN 1-Pyrrolidinecarboxylic acid, 3-[[(2E)-3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-1-oxo-2-propenyl]amino]-4-hydroxy-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



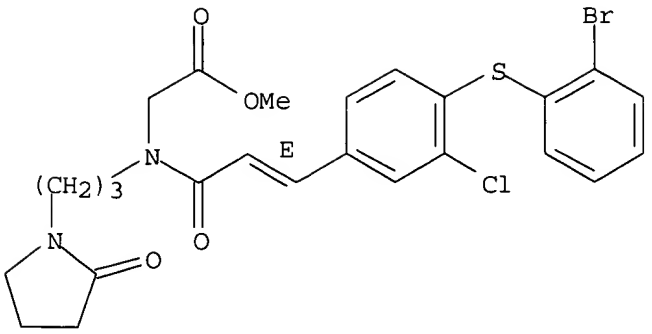
RN 280750-26-7 CAPLUS
CN 2-Propenamide, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



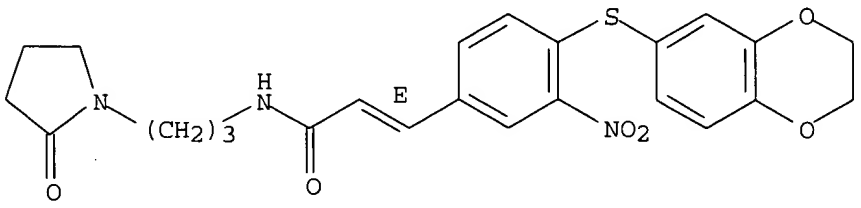
RN 280750-53-0 CAPLUS
CN Glycine, N-[(2E)-3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-1-oxo-2-propenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, methyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



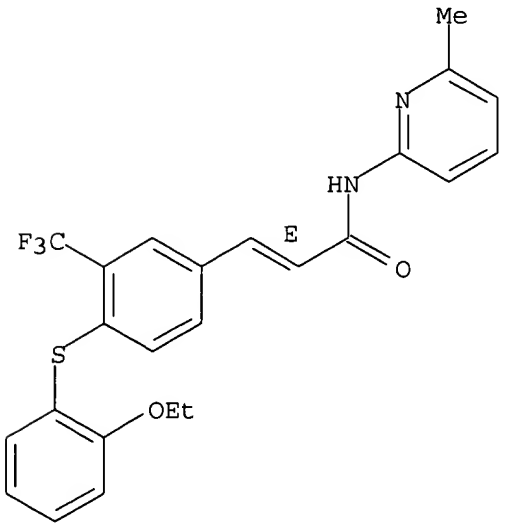
RN 280750-60-9 CAPLUS
CN 2-Propenamide, 3-[4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 280750-64-3 CAPLUS
CN 2-Propenamide, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-N-(6-methyl-2-pyridinyl)-, (2E)- (9CI) (CA INDEX NAME)

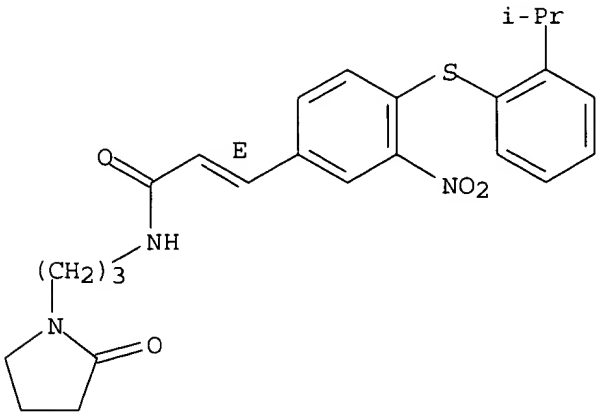
Double bond geometry as shown.



RN 280750-97-2 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-N-[3-(2-

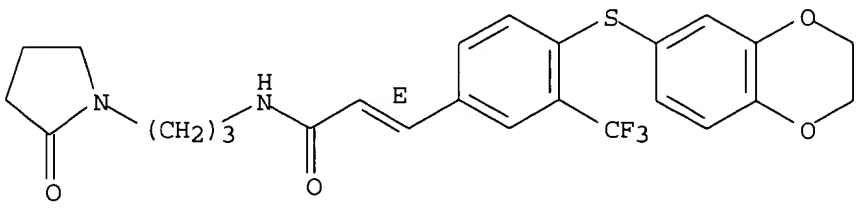
oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



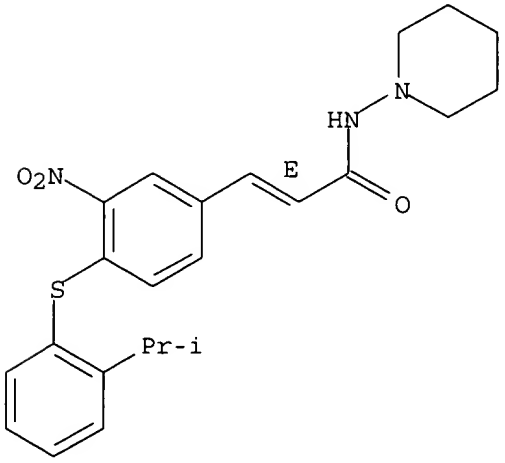
RN 280751-02-2 CAPLUS
CN 2-Propenamide, 3-[4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

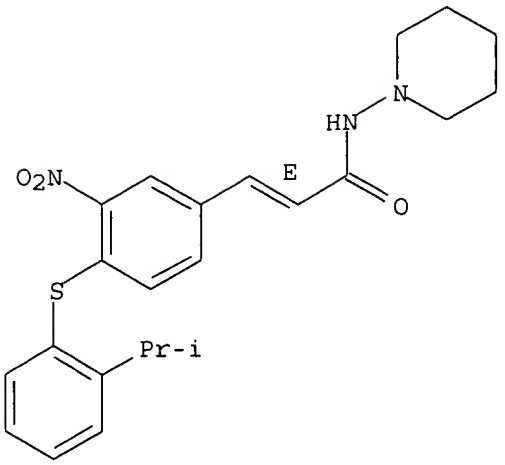
Double bond geometry as shown.



RN 280751-38-4 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-N-1-piperidinyl-, (2E)- (9CI) (CA INDEX NAME)

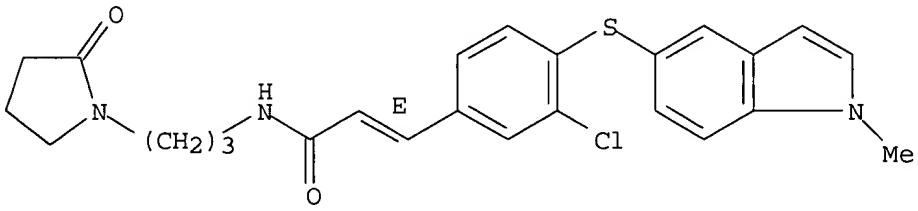
Double bond geometry as shown.





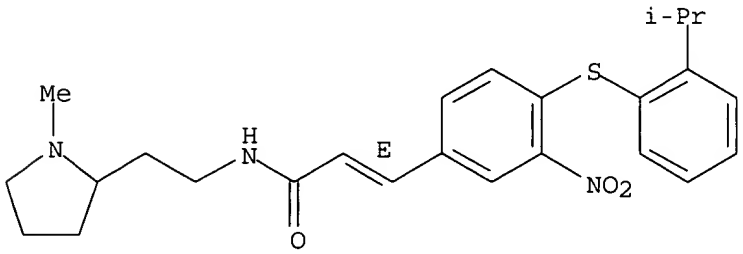
RN 280751-43-1 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(1-methyl-1H-indol-5-yl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



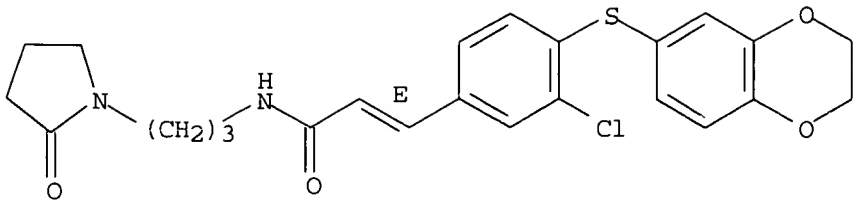
RN 280751-49-7 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-N-[2-(1-methyl-2-pyrrolidinyl)ethyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



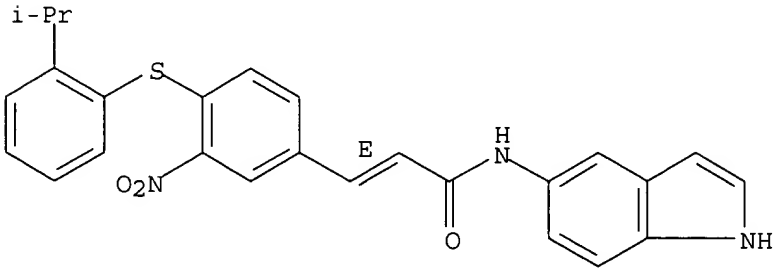
RN 280751-70-4 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



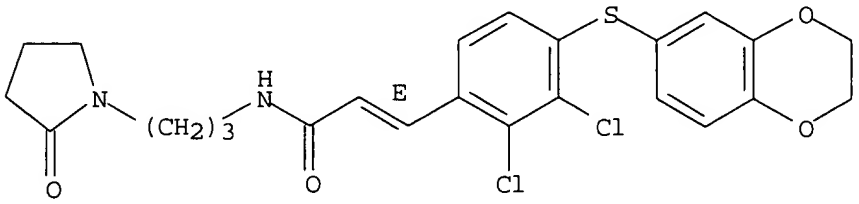
RN 280751-75-9 CAPLUS
CN 2-Propenamide, N-1H-indol-5-yl-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



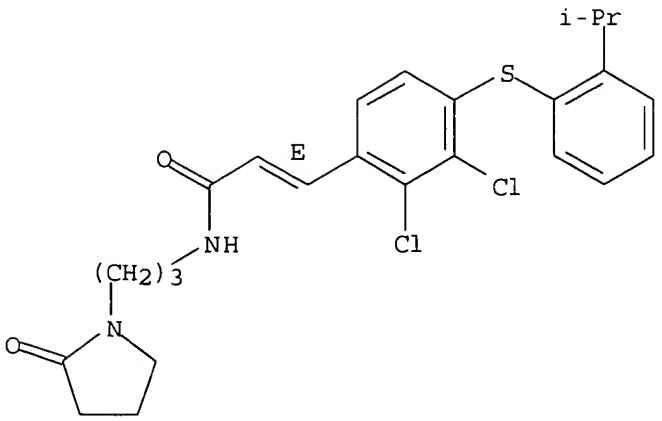
RN 280751-87-3 CAPLUS
CN 2-Propenamide, 3-[2,3-dichloro-4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



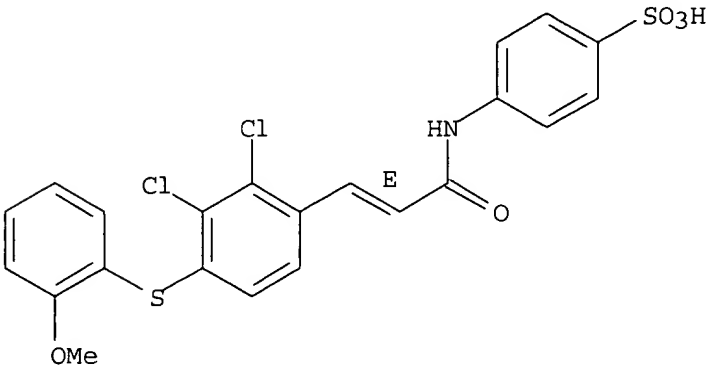
RN 280751-93-1 CAPLUS
CN 2-Propenamide, 3-[2,3-dichloro-4-[[2-(1-methylethyl)phenyl]thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



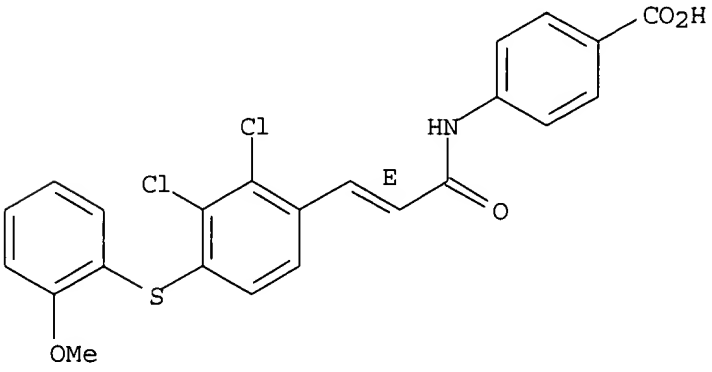
RN 280752-43-4 CAPLUS
CN Benzenesulfonic acid, 4-[[(2E)-3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]amino]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



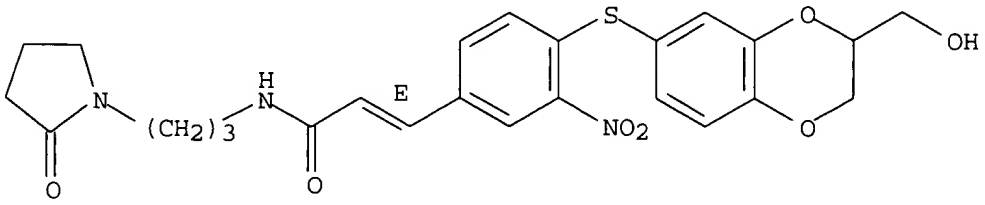
RN 280752-44-5 CAPLUS
CN Benzoic acid, 4-[[(2E)-3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]amino]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



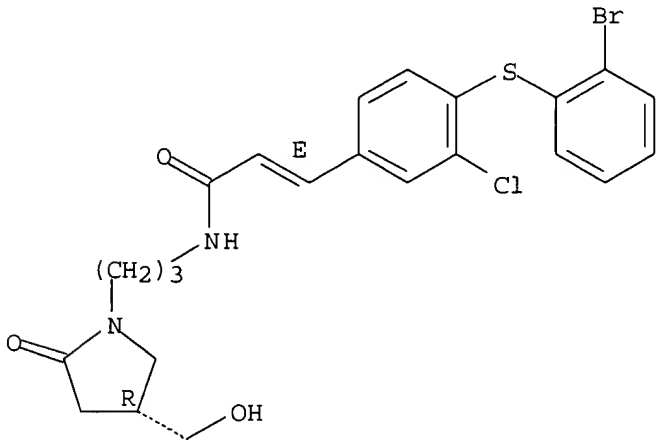
RN 280752-71-8 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-3-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 301178-48-3 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-[(4R)-4-(hydroxymethyl)-2-oxo-1-pyrrolidinyl]propyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

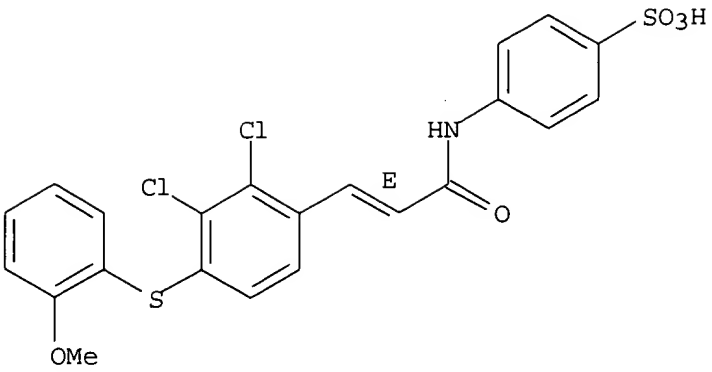


RN 301178-95-0 CAPLUS
CN Benzenesulfonic acid, 4-[[(2E)-3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]amino]-, trifluoroacetate (20:13) (9CI) (CA INDEX NAME)

CM 1

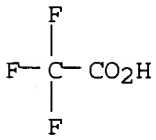
CRN 280752-43-4
CMF C22 H17 Cl2 N O5 S2

Double bond geometry as shown.



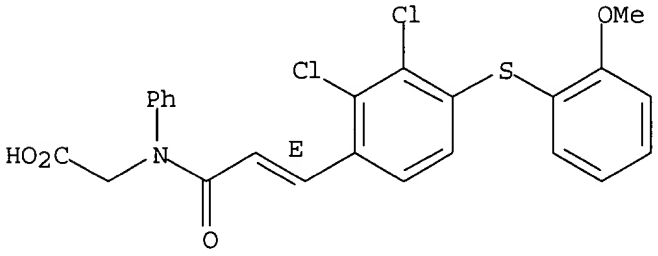
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 301178-98-3 CAPLUS
CN Glycine, N-[(2E)-3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]-N-phenyl- (9CI) (CA INDEX NAME)

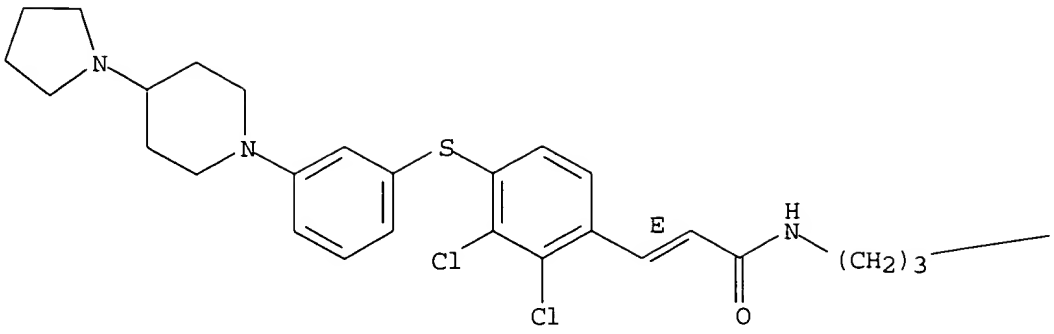
Double bond geometry as shown.



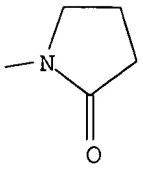
RN 301179-03-3 CAPLUS
CN 2-Propenamide, 3-[2,3-dichloro-4-[[3-[4-(1-pyrrolidinyl)-1-piperidinyl]phenyl]thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A

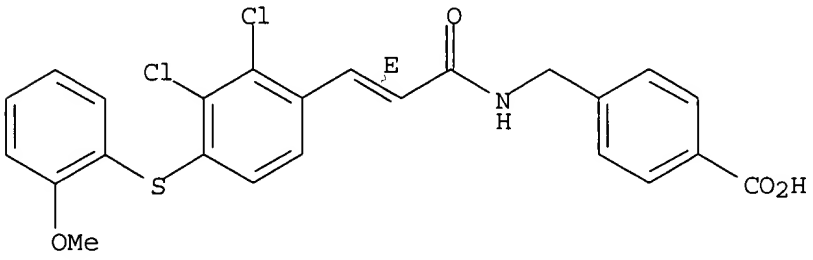


PAGE 1-B



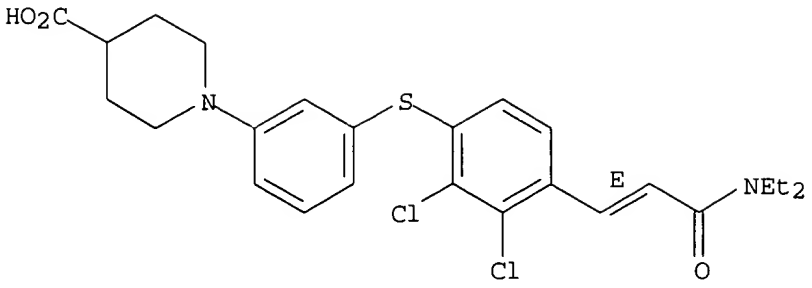
RN 301179-17-9 CAPLUS
CN Benzoic acid, 4-[[[(2E)-3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]amino]methyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 301179-34-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[3-[[2,3-dichloro-4-[(1E)-3-(diethylamino)-3-oxo-1-propenyl]phenyl]thio]phenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

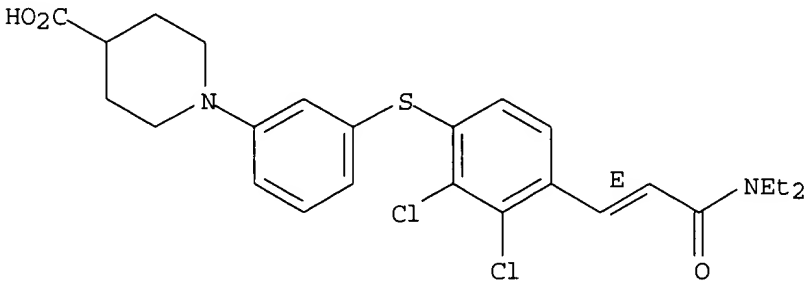


RN 301179-35-1 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[3-[[2,3-dichloro-4-[(1E)-3-(diethylamino)-3-oxo-1-propenyl]phenyl]thio]phenyl]-, trifluoroacetate (5:1) (9CI) (CA INDEX NAME)

CM 1

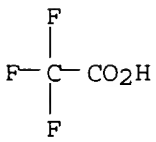
CRN 301179-34-0
CMF C25 H28 Cl2 N2 O3 S

Double bond geometry as shown.



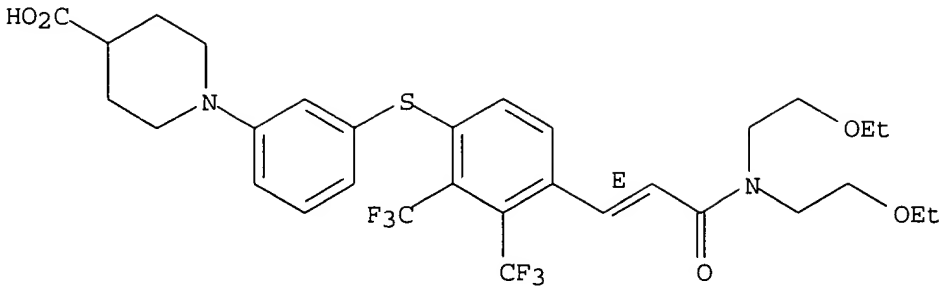
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 301179-55-5 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[3-[[4-[(1E)-3-[bis(2-ethoxyethyl)amino]-3-oxo-1-propenyl]-2,3-bis(trifluoromethyl)phenyl]thio]phenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

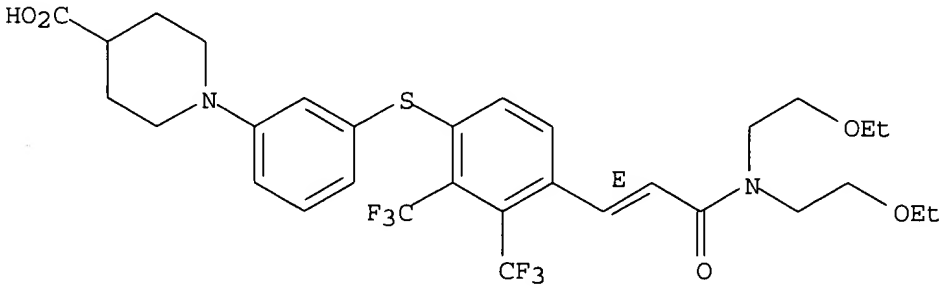


RN 301179-56-6 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[3-[[4-[(1E)-3-[bis(2-ethoxyethyl)amino]-3-oxo-1-propenyl]-2,3-bis(trifluoromethyl)phenyl]thio]phenyl]-, trifluoroacetate (10:7) (9CI) (CA INDEX NAME)

CM 1

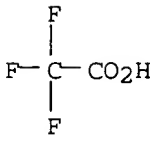
CRN 301179-55-5
CMF C31 H36 F6 N2 O5 S

Double bond geometry as shown.



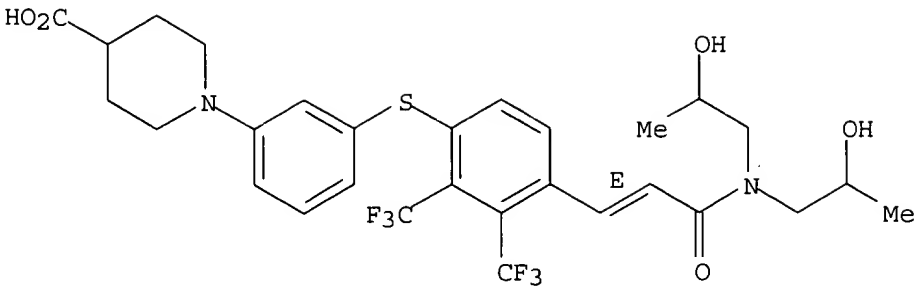
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 301179-57-7 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[3-[[4-[(1E)-3-[bis(2-hydroxypropyl)amino]-3-oxo-1-propenyl]-2,3-bis(trifluoromethyl)phenyl]thio]phenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

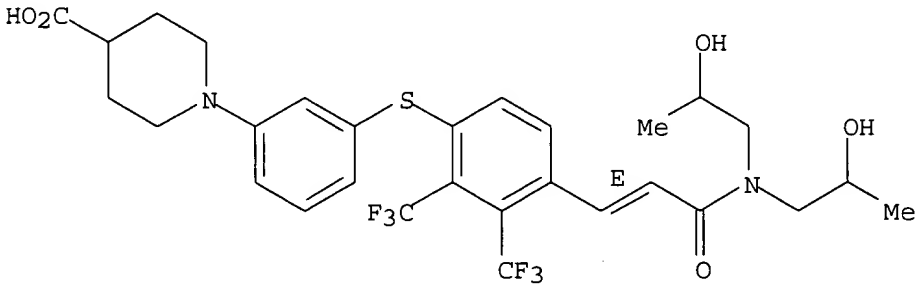


RN 301179-58-8 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[3-[[4-[(1E)-3-[bis(2-hydroxypropyl)amino]-3-oxo-1-propenyl]-2,3-bis(trifluoromethyl)phenyl]thio]phenyl]-, trifluoroacetate (2:3) (salt) (9CI) (CA INDEX NAME)

CM 1

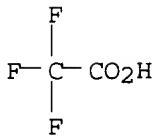
CRN 301179-57-7
CMF C29 H32 F6 N2 O5 S

Double bond geometry as shown.



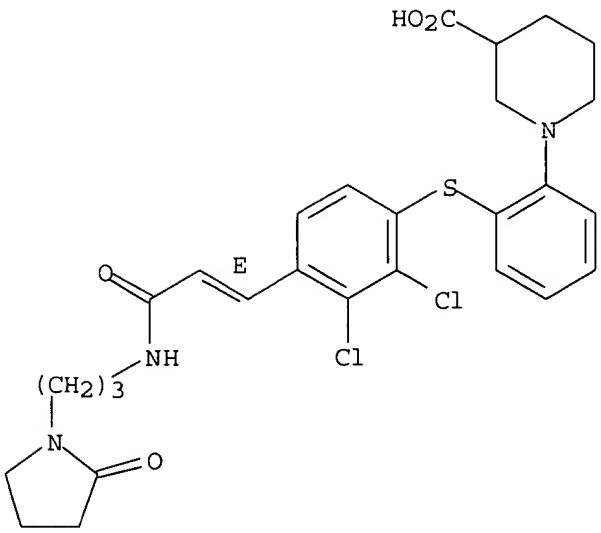
CM 2

CRN 76-05-1
CMF C2 H F3 O2



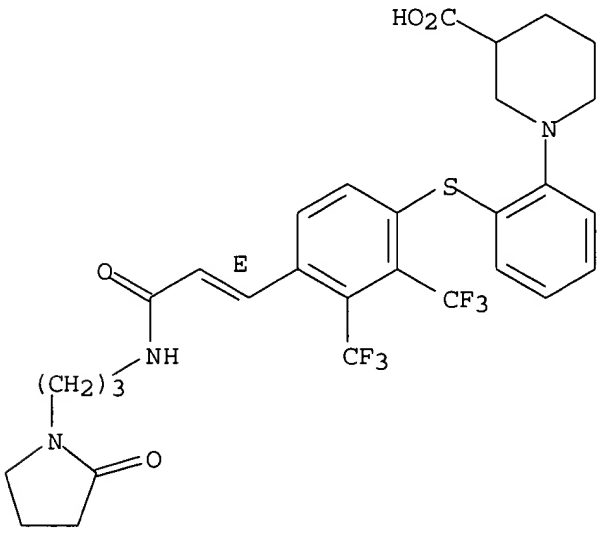
RN 301179-62-4 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[2-[[2,3-dichloro-4-[(1E)-3-oxo-3-[[3-(2-oxo-1-pyrrolidinyl)propyl]amino]-1-propenyl]phenyl]thio]phenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

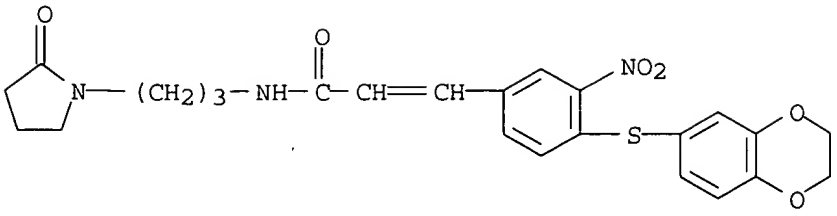


RN 301179-63-5 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[2-[[4-[(1E)-3-oxo-3-[[3-(2-oxo-1-pyrrolidinyl)propyl]amino]-1-propenyl]-2,3-bis(trifluoromethyl)phenyl]thio]phenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

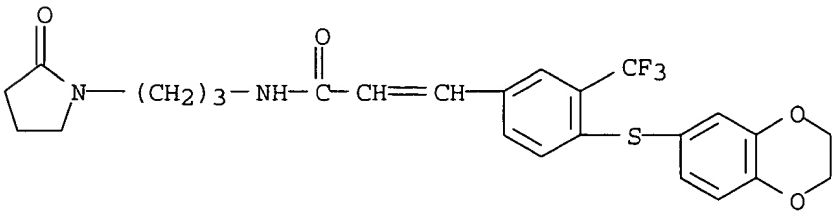


RN 301218-22-4 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-2(or 3)-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)



D1—CH_2—OH

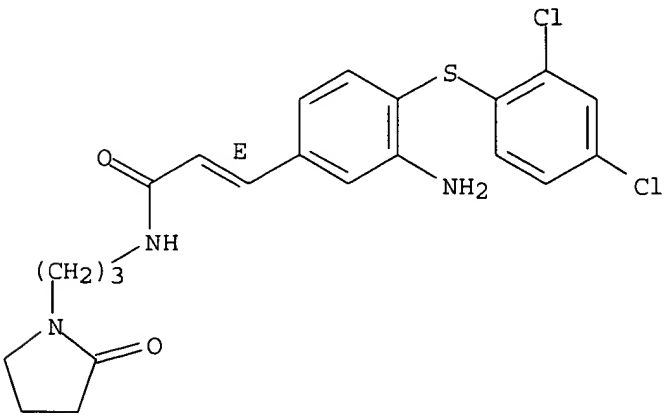
RN 301218-84-8 CAPLUS
CN 2-Propenamide, 3-[4-[[2(or 3)-(aminomethyl)-2,3-dihydro-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

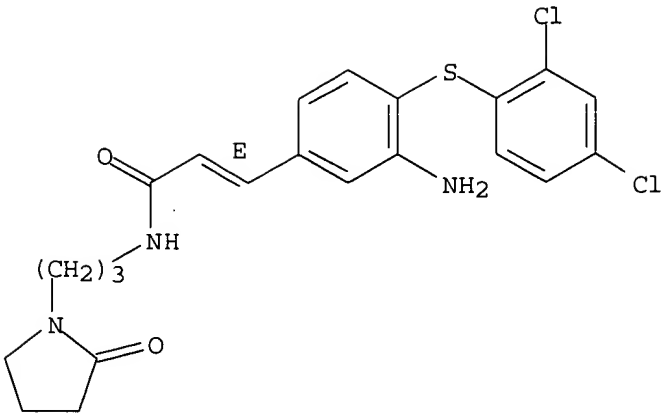


D1—CH_2—NH_2

IT **280752-58-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)
RN 280752-58-1 CAPLUS
CN 2-Propenamide, 3-[3-amino-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

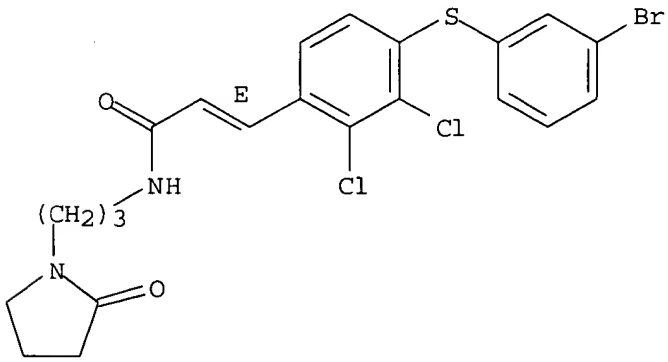
Double bond geometry as shown.



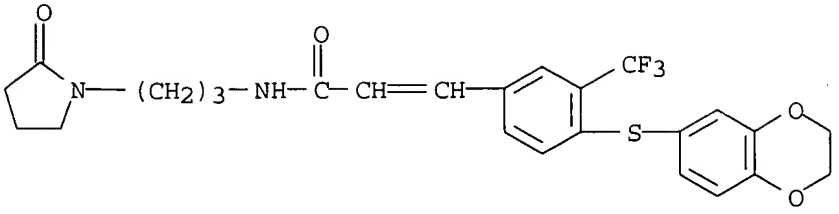


IT **301179-89-5P 301219-93-2P 301220-38-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)
RN 301179-89-5 CAPLUS
CN 2-Propenamide, 3-[4-[(3-bromophenyl)thio]-2,3-dichlorophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

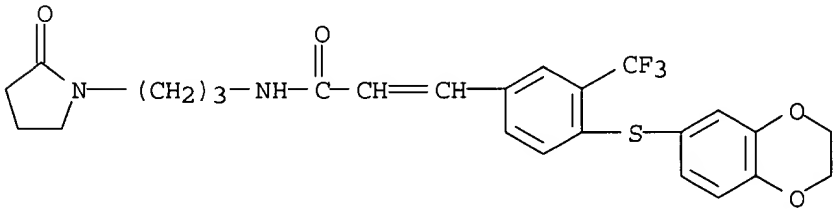


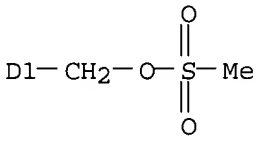
RN 301219-93-2 CAPLUS
CN 2-Propenamide, 3-[4-[[2(or 3)-(azidomethyl)-2,3-dihydro-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)



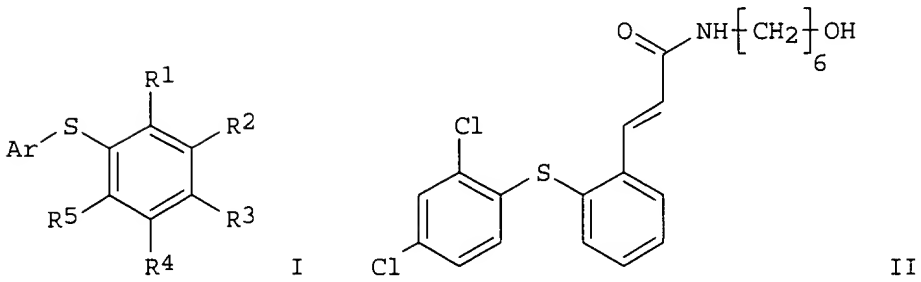
D1—CH_2—N_3

RN 301220-38-2 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-2(or 3)-[[(methylsulfonyl)oxy]methyl]-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)





GI



AB The title compds. (I) [wherein R1-R5 = independently H, halo, (halo)alkyl, alkoxy, cyano, NO2, CHO, and least one of R1 or R3 is an (un)substituted cis- or trans-cinnamide; Ar = (un)substituted (hetero)aryl] were prepd. as cell adhesion inhibitors for the treatment of inflammatory and immune

diseases. Examples include syntheses for 443 invention compds. and data for 3 bioassays. For instance, a mixt. of 2-[(2,4-dichlorophenyl)thio]benzaldehyde (prepn. given), malonic acid, piperidine in anhyd. pyridine was heated at 110.degree.C for 2 h and then treated with aq. HCl to give trans-2-[(2,4-dichlorophenyl)thio]cinnamic acid (91%). Conversion to the acid chloride followed by amidation with 6-amino-1-hexanol gave (E)-II (90%). In an integrin LFA-1/ICAM-1 biochem. interaction assay, I demonstrated inhibition at 4 .mu.M. In cell-based adhesion assays which measure the ability of test compds. to block adherence of JY-8 cells (a human EBV-transformed B cell line expressing LFA-1 on its surface) to immobilized ICAM-1 or ICAM-3, I exhibited blocking activity at 4 .mu.M and 0.6 .mu.M, resp.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:457022 CAPLUS
DN 133:89514
TI Cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Tom; Winn, Martin; Xin, Zhili; Boyd, Steven A.; Jae, Hwan-Soo; Lynch, John K.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 400 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000039081	A2	20000706	WO 1999-US31162	19991229
WO 2000039081	A3	20010525		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			US 1998-222491 A	19981229
US 6110922	A	20000829	US 1998-222491	19981229
CA 2356320	AA	20000706	CA 1999-2356320	19991229
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
EP 1140814	A2	20011010	EP 1999-966709	19991229
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
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			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
EE 200100355	A	20021015	EE 2001-355	19991229
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
NO 2001003241	A	20010828	NO 2001-3241	20010628

J. McKenzie

				US 1998-222491 A 19981229
				WO 1999-US31162W 19991229
	HR 2001000512	A1	20020831	HR 2001-512 20010710
				US 1998-222491 A 19981229
				WO 1999-US31162W 19991229
	BG 105732	A	20020228	BG 2001-105732 20010725
				US 1998-222491 A 19981229
				WO 1999-US31162W 19991229

OS MARPAT 133:89514

IT **280748-70-1P 280748-71-2P 280748-72-3P**
280748-73-4P 280748-95-0P 280748-97-2P
280748-98-3P 280749-00-0P 280749-30-6P
280749-44-2P 280749-45-3P 280749-46-4P
280749-47-5P 280749-79-3P 280749-80-6P
280749-81-7P 280749-92-0P 280749-93-1P
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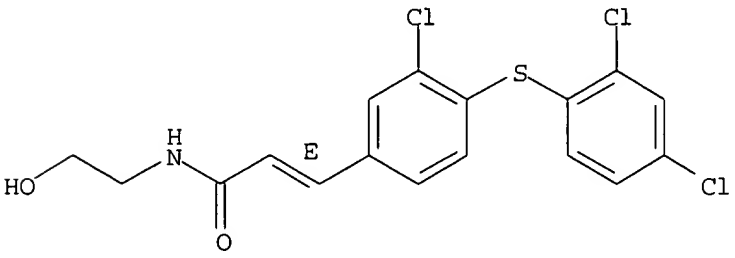
280751-70-4P 280751-75-9P 280751-87-3P
280751-93-1P 280752-43-4P 280752-44-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and antiinflammatory, immune suppressant and cell adhesion inhibiting activity)

RN 280748-70-1 CAPLUS

CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-(2-hydroxyethyl)-, (2E)- (9CI) (CA INDEX NAME)

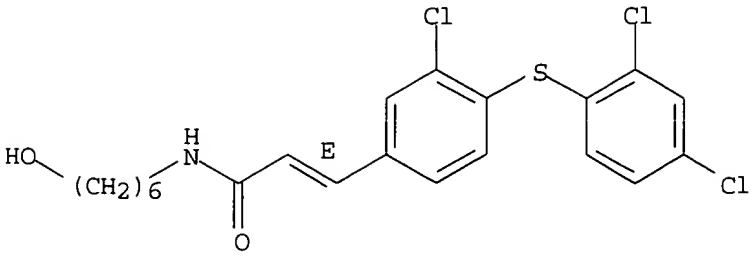
Double bond geometry as shown.



RN 280748-71-2 CAPLUS

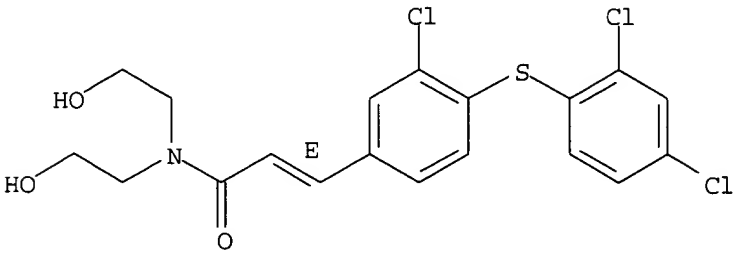
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-(6-hydroxyhexyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



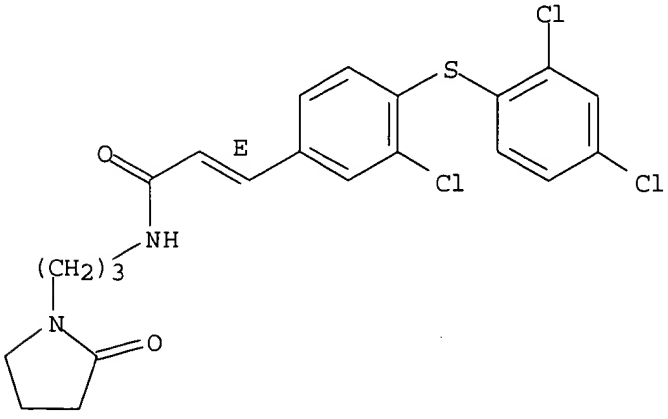
RN 280748-72-3 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N,N-bis(2-hydroxyethyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



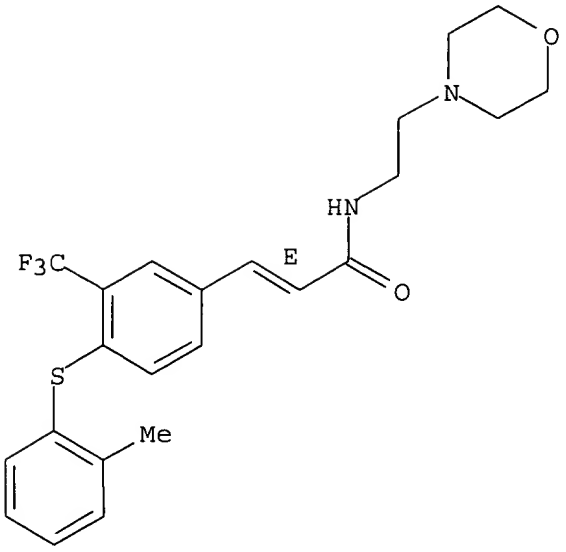
RN 280748-73-4 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



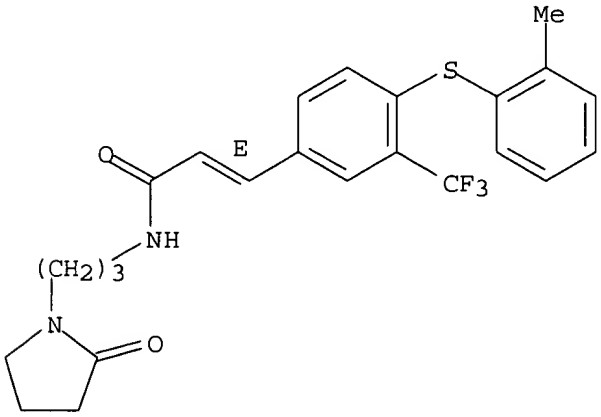
RN 280748-95-0 CAPLUS
CN 2-Propenamide, 3-[4-[(2-methylphenyl)thio]-3-(trifluoromethyl)phenyl]-N-[2-(4-morpholinyl)ethyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



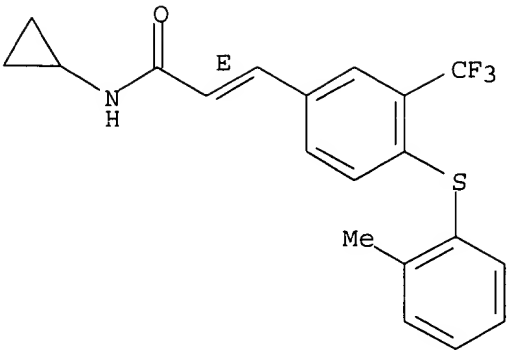
RN 280748-97-2 CAPLUS
CN 2-Propenamide, 3-[4-[(2-methylphenyl)thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



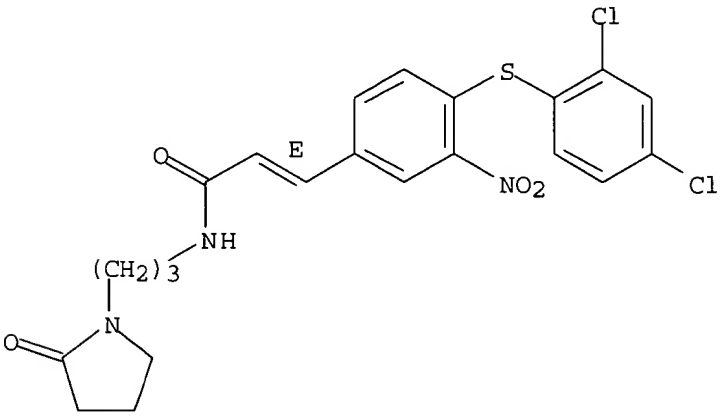
RN 280748-98-3 CAPLUS
CN 2-Propenamide, N-cyclopropyl-3-[4-[(2-methylphenyl)thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



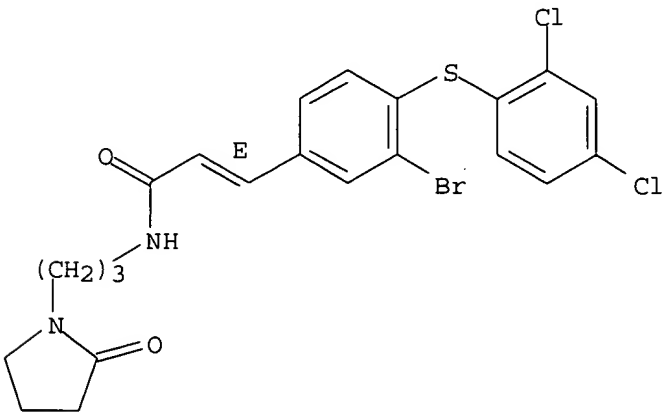
RN 280749-00-0 CAPLUS
CN 2-Propenamide, 3-[4-[(2,4-dichlorophenyl)thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

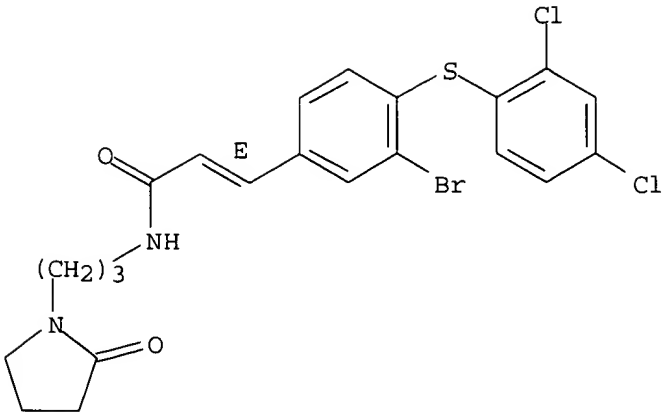
Double bond geometry as shown.



RN 280749-30-6 CAPLUS
CN 2-Propenamide, 3-[3-bromo-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

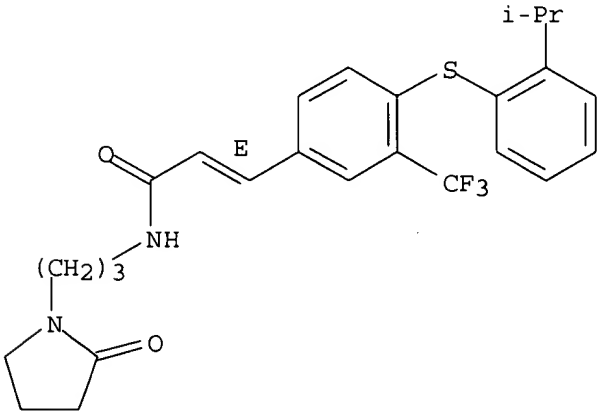
Double bond geometry as shown.





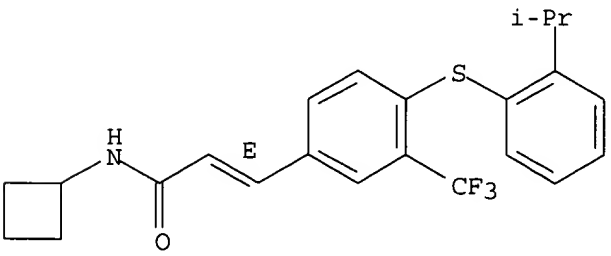
RN 280749-44-2 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



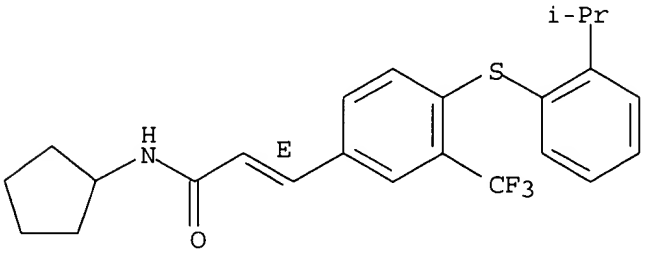
RN 280749-45-3 CAPLUS
CN 2-Propenamide, N-cyclobutyl-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



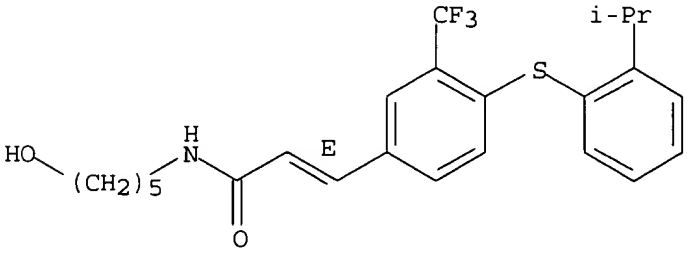
RN 280749-46-4 CAPLUS
CN 2-Propenamide, N-cyclopentyl-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



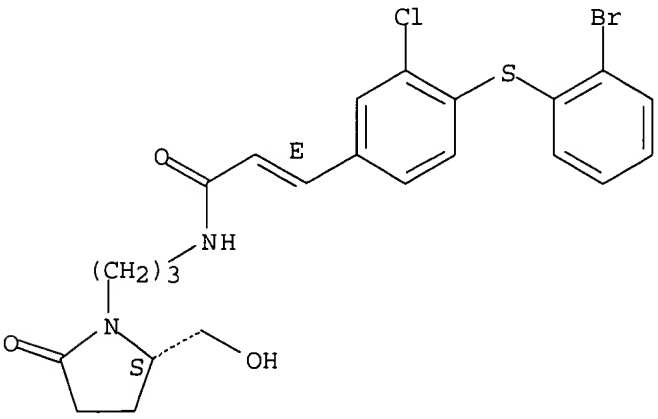
RN 280749-47-5 CAPLUS
CN 2-Propenamide, N-(5-hydroxypentyl)-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



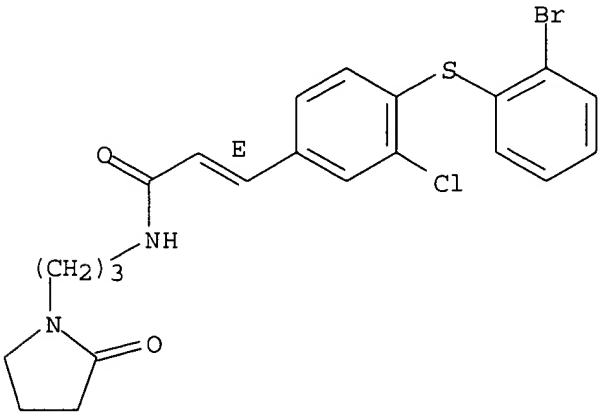
RN 280749-79-3 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-[(2S)-2-(hydroxymethyl)-5-oxo-1-pyrrolidinyl]propyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



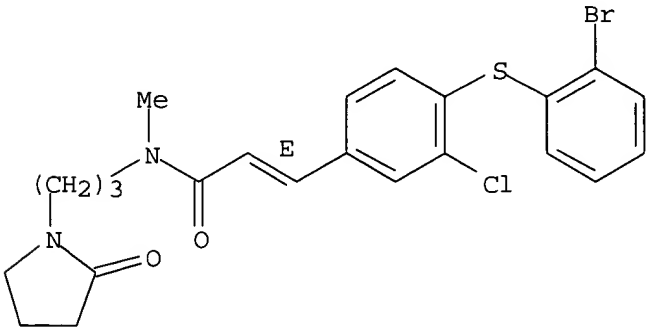
RN 280749-80-6 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



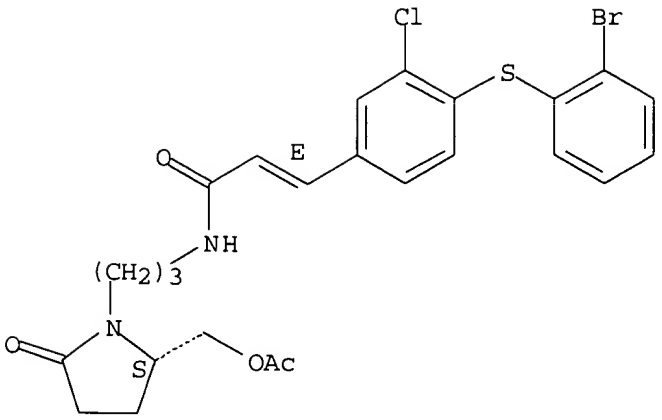
RN 280749-81-7 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-methyl-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



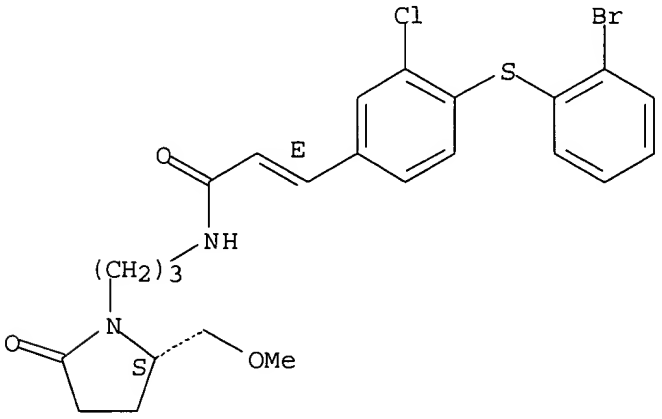
RN 280749-92-0 CAPLUS
CN 2-Propenamide, N-[3-[(2S)-2-[(acetyloxy)methyl]-5-oxo-1-pyrrolidinyl]propyl]-3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



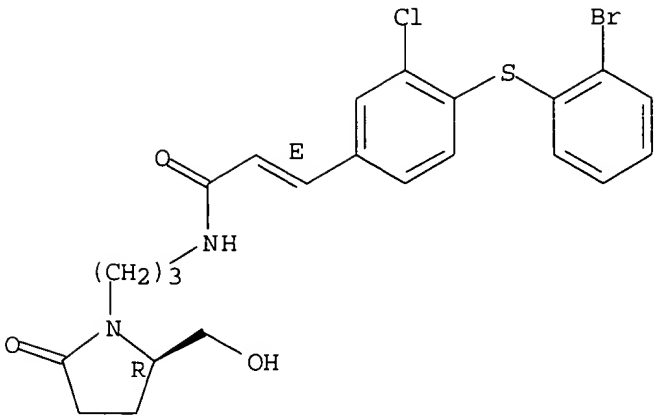
RN 280749-93-1 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-[(2S)-2-(methoxymethyl)-5-oxo-1-pyrrolidinyl]propyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



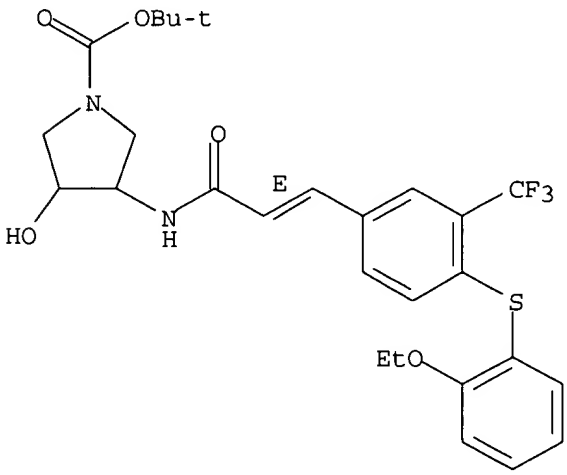
RN 280749-94-2 CAPLUS
CN 2-Propenamide, 3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-N-[3-[(2R)-2-(hydroxymethyl)-5-oxo-1-pyrrolidinyl]propyl]-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



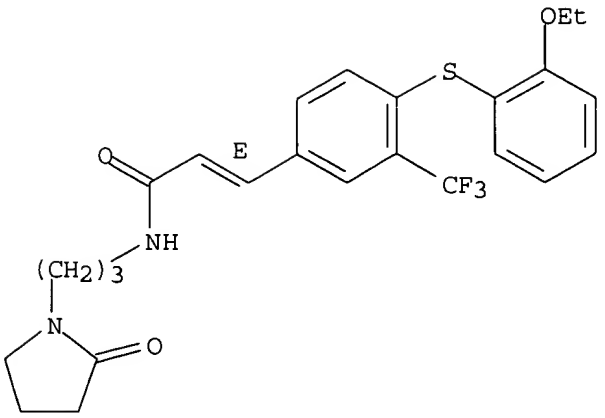
RN 280750-23-4 CAPLUS
CN 1-Pyrrolidinecarboxylic acid, 3-[[(2E)-3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-1-oxo-2-propenyl]amino]-4-hydroxy-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



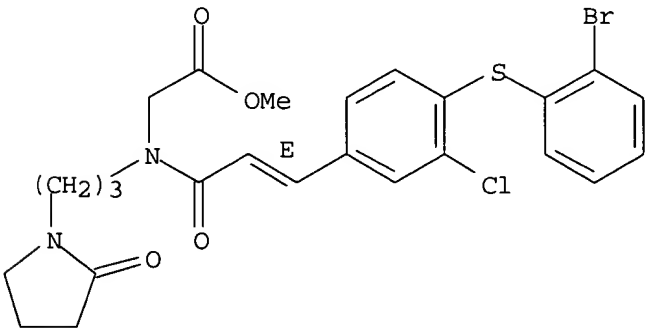
RN 280750-26-7 CAPLUS
CN 2-Propenamide, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



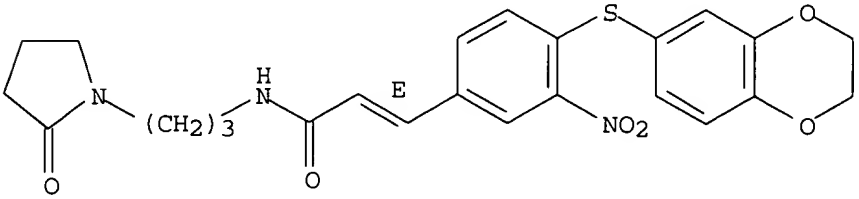
RN 280750-53-0 CAPLUS
CN Glycine, N-[(2E)-3-[4-[(2-bromophenyl)thio]-3-chlorophenyl]-1-oxo-2-propenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, methyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



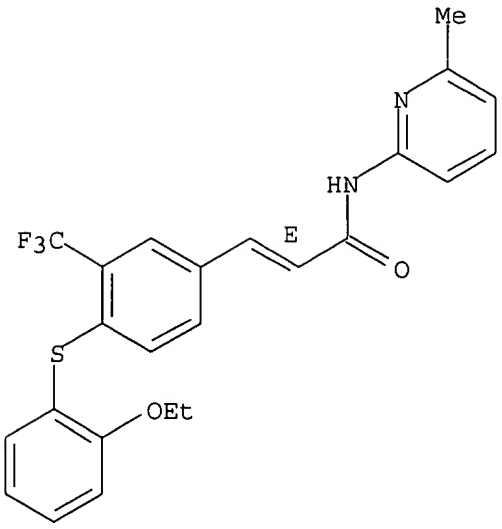
RN 280750-60-9 CAPLUS
CN 2-Propenamide, 3-[4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



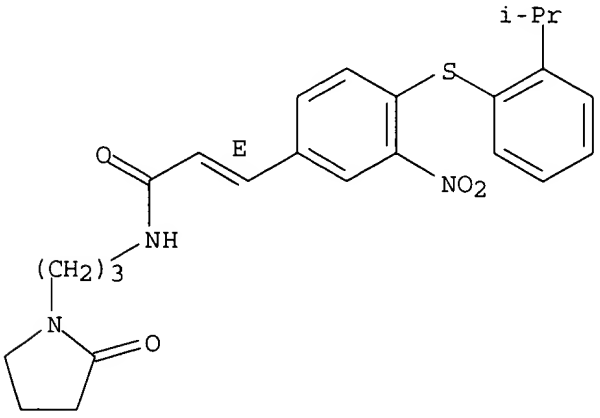
RN 280750-64-3 CAPLUS
CN 2-Propenamide, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-N-(6-methyl-2-pyridinyl)-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



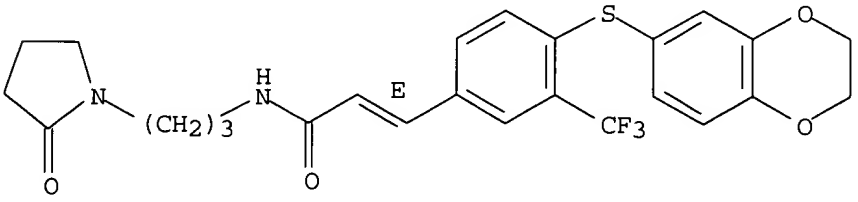
RN 280750-97-2 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

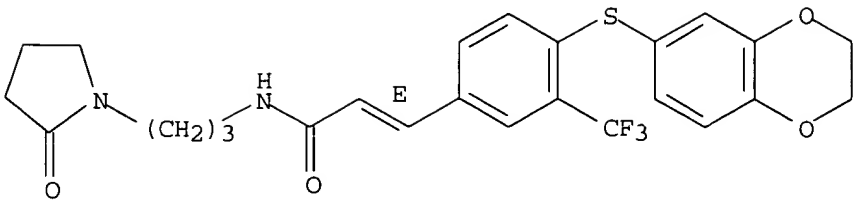
Double bond geometry as shown.



RN 280751-02-2 CAPLUS
CN 2-Propenamide, 3-[4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

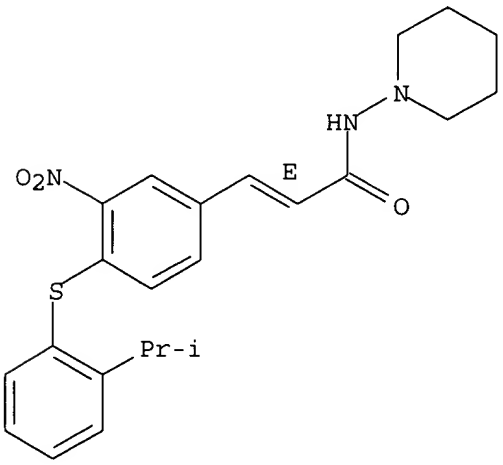
Double bond geometry as shown.





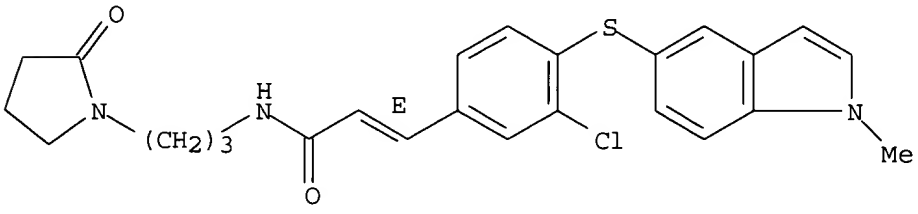
RN 280751-38-4 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-N-1-piperidinyl-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



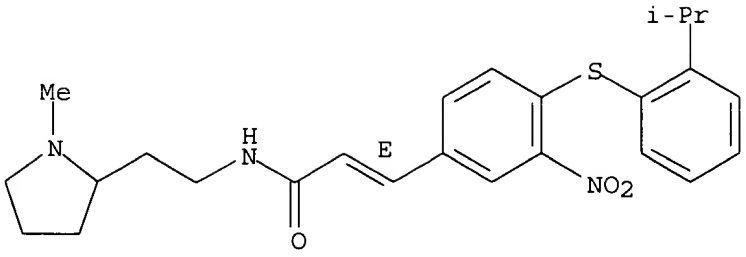
RN 280751-43-1 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(1-methyl-1H-indol-5-yl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



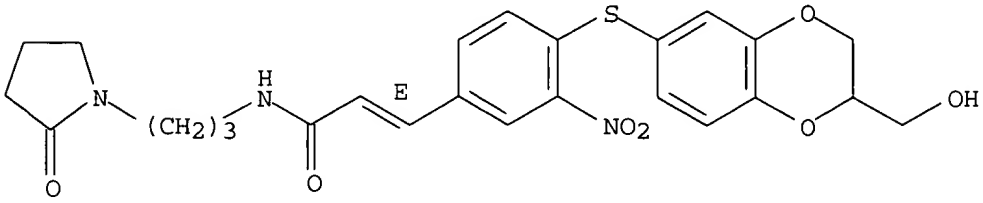
RN 280751-49-7 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-N-[2-(1-methyl-2-pyrrolidinyl)ethyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



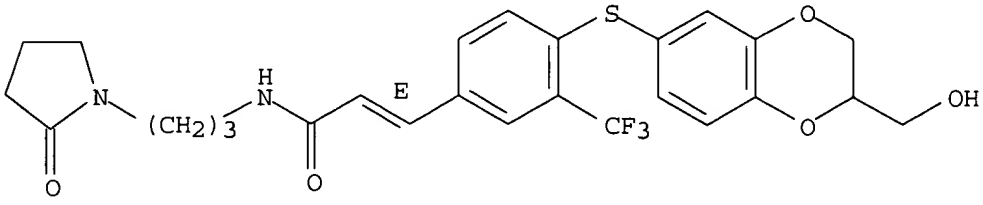
RN 280751-60-2 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-2-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



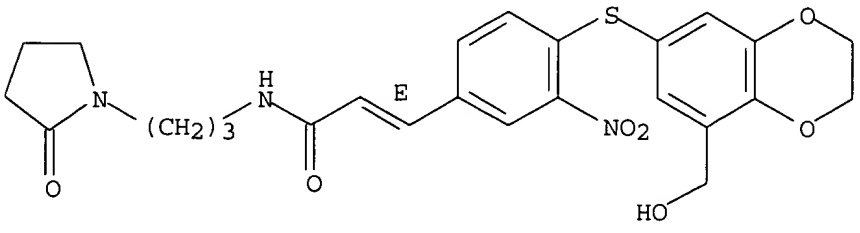
RN 280751-61-3 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-2-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

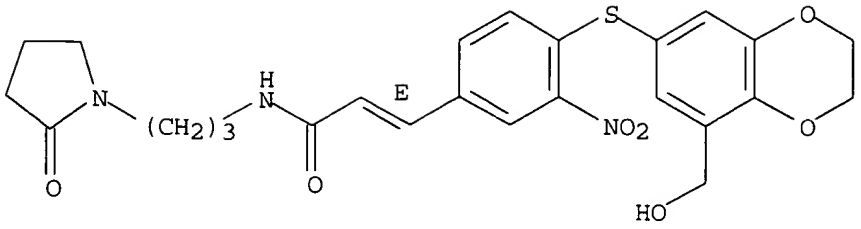
Double bond geometry as shown.



RN 280751-62-4 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-8-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

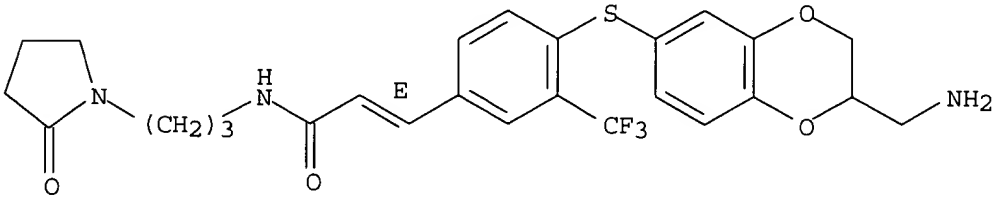
Double bond geometry as shown.





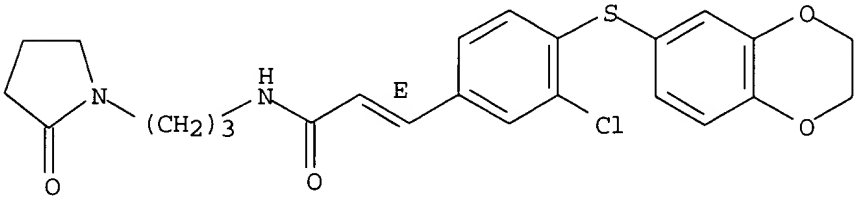
RN 280751-64-6 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(aminomethyl)-2,3-dihydro-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



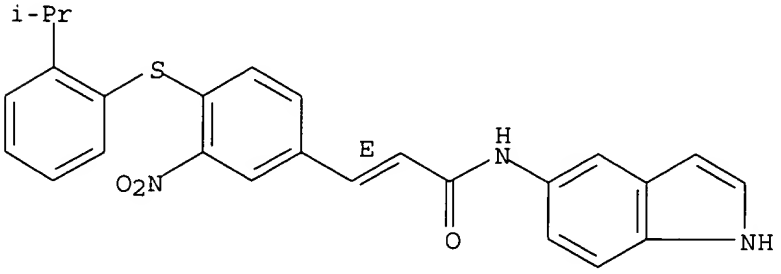
RN 280751-70-4 CAPLUS
CN 2-Propenamide, 3-[3-chloro-4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

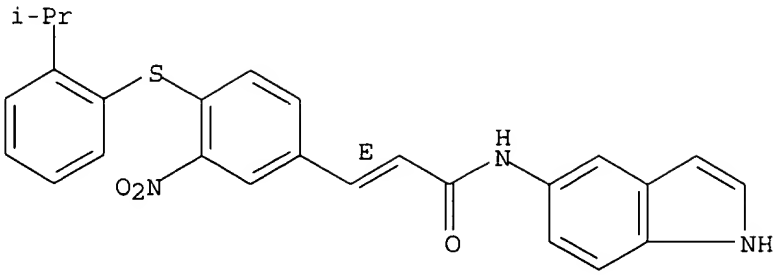
Double bond geometry as shown.



RN 280751-75-9 CAPLUS
CN 2-Propenamide, N-1H-indol-5-yl-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-, (2E)- (9CI) (CA INDEX NAME)

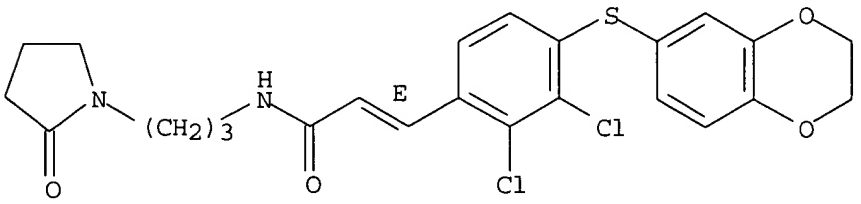
Double bond geometry as shown.





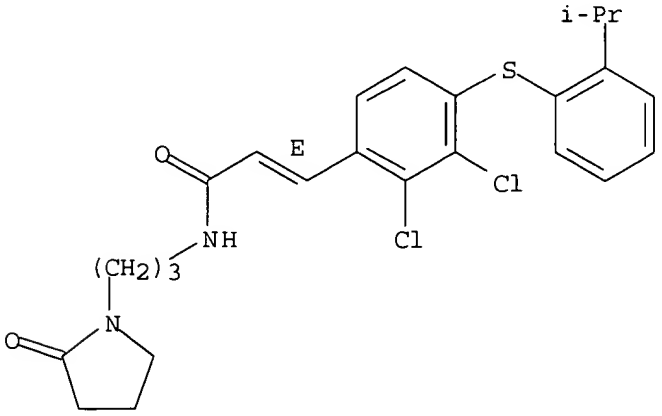
RN 280751-87-3 CAPLUS
CN 2-Propenamide, 3-[2,3-dichloro-4-[(2,3-dihydro-1,4-benzodioxin-6-yl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



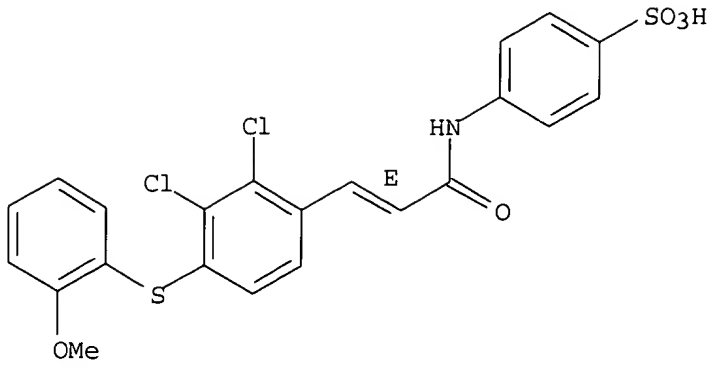
RN 280751-93-1 CAPLUS
CN 2-Propenamide, 3-[2,3-dichloro-4-[[2-(1-methylethyl)phenyl]thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



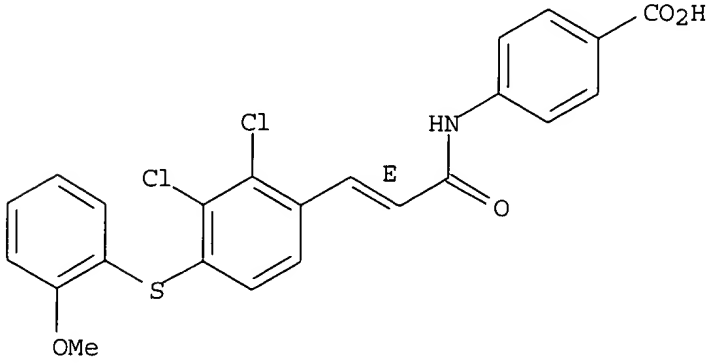
RN 280752-43-4 CAPLUS
CN Benzenesulfonic acid, 4-[[(2E)-3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]amino]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



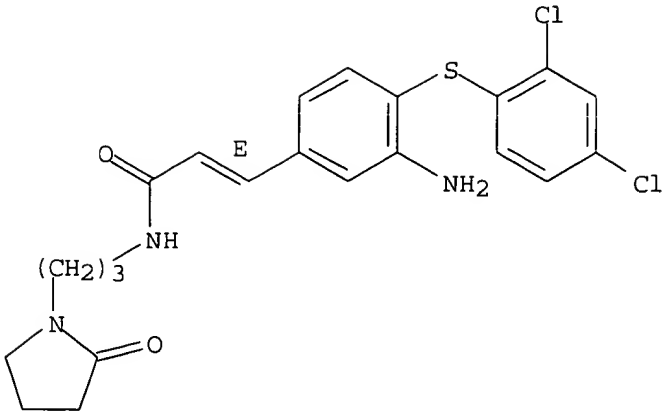
RN 280752-44-5 CAPLUS
CN Benzoic acid, 4-[[(2E)-3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]amino]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT **280752-58-1P 280752-94-5P 280752-95-6P**
280753-32-4P 280753-33-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of N-(hetaryl)(arylthio)cinnamamides with antiinflammatory, immune suppressant and cell adhesion inhibiting activity)
RN 280752-58-1 CAPLUS
CN 2-Propenamide, 3-[3-amino-4-[(2,4-dichlorophenyl)thio]phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

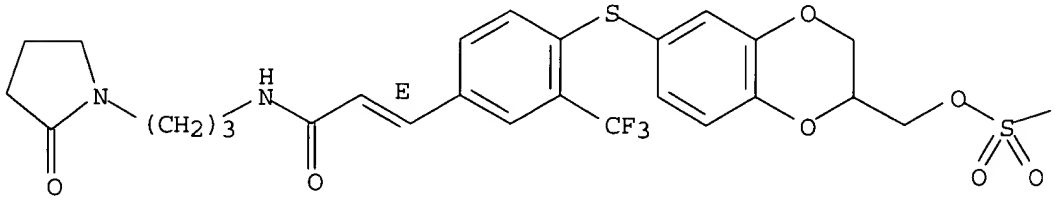
Double bond geometry as shown.



RN 280752-94-5 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-2-[[(methylsulfonyl)oxy]methyl]-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A

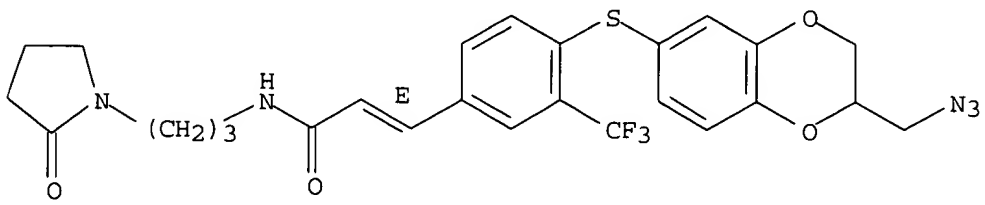


PAGE 1-B

Me

RN 280752-95-6 CAPLUS
CN 2-Propenamide, 3-[4-[[2-(azidomethyl)-2,3-dihydro-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

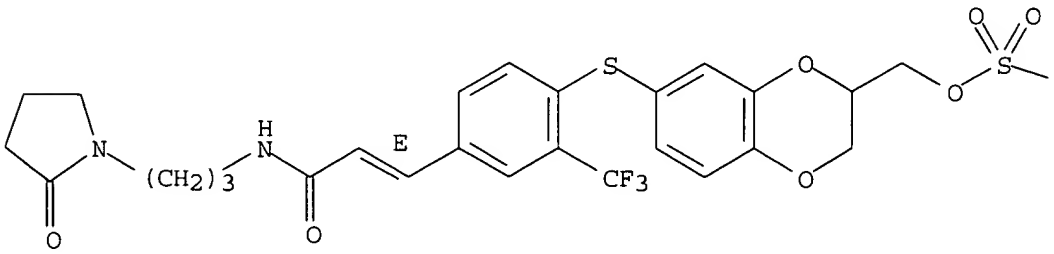
Double bond geometry as shown.



RN 280753-32-4 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-3-[[(methylsulfonyl)oxy]methyl]-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A

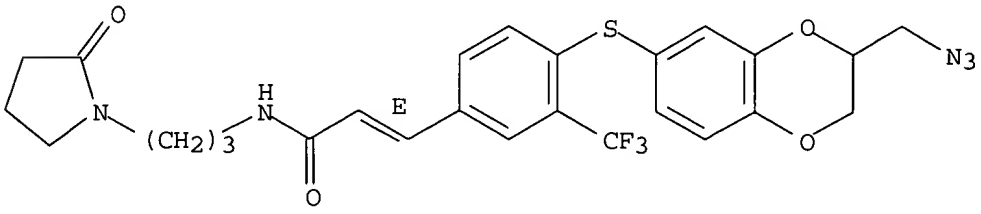


PAGE 1-B

Me

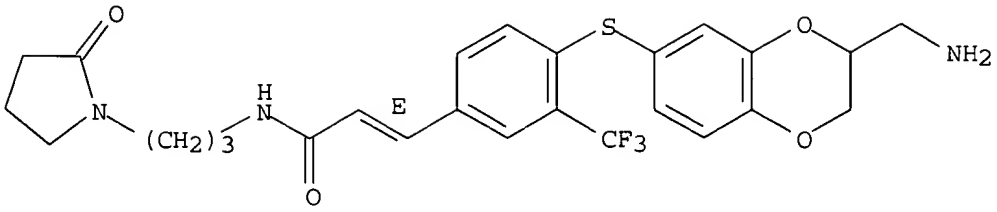
RN 280753-33-5 CAPLUS
CN 2-Propenamide, 3-[4-[[3-(azidomethyl)-2,3-dihydro-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



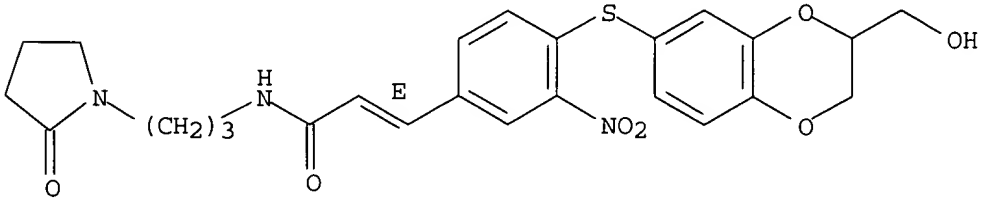
IT **280752-53-6P 280752-71-8P 280753-24-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of N-(hetaryl)(arylthio)cinnamamides with antiinflammatory, immune suppressant and cell adhesion inhibiting activity)
RN 280752-53-6 CAPLUS
CN 2-Propenamide, 3-[4-[[3-(aminomethyl)-2,3-dihydro-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



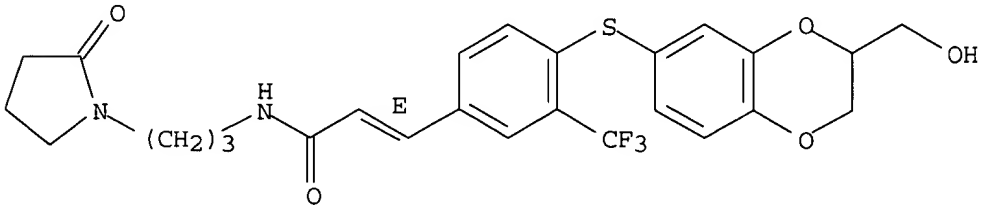
RN 280752-71-8 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-3-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-nitrophenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 280753-24-4 CAPLUS
CN 2-Propenamide, 3-[4-[[2,3-dihydro-3-(hydroxymethyl)-1,4-benzodioxin-6-yl]thio]-3-(trifluoromethyl)phenyl]-N-[3-(2-oxo-1-pyrrolidinyl)propyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

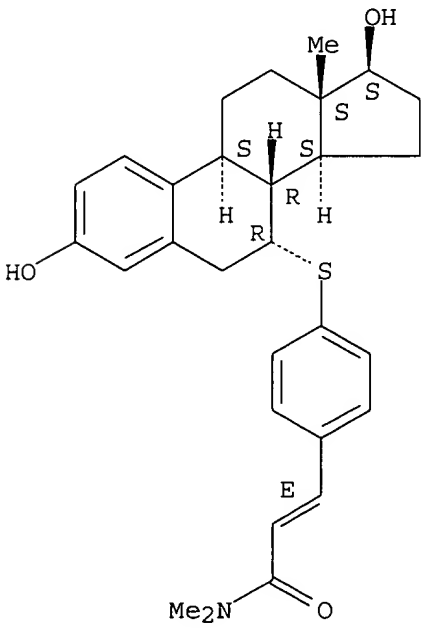


AB The present invention relates to novel cinnamide compds. that are useful for treating inflammatory and immune diseases, to pharmaceutical compns. contg. these compds., and to methods of inhibiting inflammation or suppressing immune response in a mammal. Among the approx. 400 trans-arylthiocinnamamide title compds., prepd. by std. methods, were 6-benzodioxanyl 2-trifluoromethyl-4-[(E)-2-[3-(R)-(ethoxycarbonyl)piperidinocarbonyl]ethenyl]phenyl sulfide (I), 2-ethoxyphenyl 2-trifluoromethyl-4-[(E)-2-[2-carboxy-4-(methoxycarbonyl)-1-piperazinylcarbonyl]ethenyl]phenyl sulfide (II) and 2-isopropylphenyl 2-nitro-4-[(E)-2-[3-(2-oxo-1-pyrrolidinyl)-1-propylaminocarbonyl]ethenyl]phenyl sulfide (III). The abilities of the title compds. to antagonize the interaction between ICAM-1 and LFA-1 were quantified using both biochem. and cell-based adhesion assays. E.g., compds. I-III exhibited 98% inhibition @ 4.mu.M.

L6 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:94009 CAPLUS

DN 132:237235
TI Synthesis and estrogenic activities of novel 7-thiosubstituted estratriene derivatives
AU Miller, Chris P.; Jirkovsky, Ivo; Tran, Bach D.; Harris, Heather A.; Moran, Robert A.; Komm, Barry S.
CS Chemical Sciences, Wyeth-Ayerst Research, Radnor, PA, 19087, USA
SO Bioorganic & Medicinal Chemistry Letters (2000), 10(2), 147-151
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
IT **223660-12-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis and estrogenic receptor binding activities of 7-thiosubstituted estratrienes)
RN 223660-12-6 CAPLUS
CN 2-Propenamide, 3-[4-[[(7.alpha.,17.beta.)-3,17-dihydroxyestra-1,3,5(10)-trien-7-yl]thio]phenyl]-N,N-dimethyl-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



AB A diastereomerically pure series of 7.alpha.-thioestratrienes was prepd. and evaluated for its affinity for both the human estrogen receptor .alpha. and the more recently discovered estrogen receptor .beta.. The functional estrogenic activities of the compds. were measured in a MCF-7 ERE-tk-luciferase assay. The activities and selectivities of the compds. were sensitive to the nature of the thioether side chain.
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

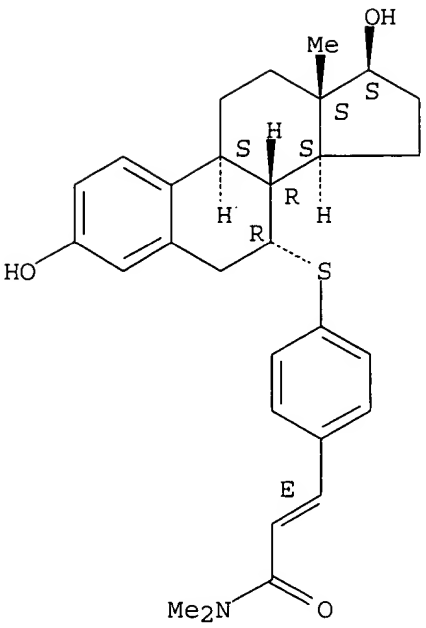
L6 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:282234 CAPLUS
DN 130:311975
TI synthesis and estrogen receptor binding activity of estra-1,3,5(10)-triene-7.alpha.-thioethers
IN Miller, Christopher Paul; Jirkovsky, Ivo; Tran, Bach Dinh
PA American Home Products Corporation, USA
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

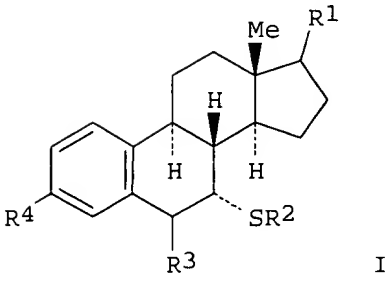
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9920646	A1	19990429	WO 1998-US22283	19981021
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			US 1997-92119P P	19971023
			US 1997-956509 A	19971023
US 6355630	B1	20020312	US 1998-170355	19981013
			US 1997-92119P P	19971023
			US 1997-956509 A	19971023
CA 2308773	AA	19990429	CA 1998-2308773	19981021
			US 1997-956509 A	19971023
			WO 1998-US22283W	19981021
AU 9911106	A1	19990510	AU 1999-11106	19981021
			US 1997-956509 A	19971023
			WO 1998-US22283W	19981021
EP 1025116	A1	20000809	EP 1998-953837	19981021
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
			US 1997-956509 A	19971023
			WO 1998-US22283W	19981021
JP 2001520235	T2	20011030	JP 2000-516987	19981021
			US 1997-956509 A	19971023
			WO 1998-US22283W	19981021

IT **223660-12-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis and estrogen receptor binding activity of estra-1,3,5(10)-triene-7.alpha.-thioethers)
RN 223660-12-6 CAPLUS
CN 2-Propenamide, 3-[4-[[(7.alpha.,17.beta.)-3,17-dihydroxyestra-1,3,5(10)-trien-7-yl]thio]phenyl]-N,N-dimethyl-, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



GI



I

AB Synthesis of estrogens and antiestrogens (I) [R1 = .beta. (un)substituted hydroxy, =O; R2 = substituted phenyl; R3 = =O, 2H, .alpha.-OH; R4 = (un)substituted hydroxy] or a pharmaceutically acceptable salt thereof are described. Thus, I (R1 = .beta.-OH, R2 = 4-HO-C6H4, R3 = =O, R4 = OH) (II) is prepd. by reacting 3,17.beta.-diacetoxy-7.alpha.-bromo-estra-1,3,5(10)-trien-6-one with 4-HO-C6H4-SH followed by acetate hydrolysis to the desired diol. II shows an IC50 of 2.5 in estrogen receptor binding assay. Tabulations for I are given.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

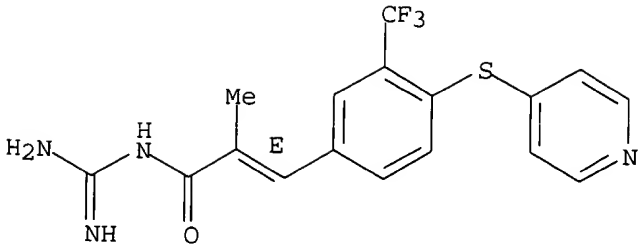
L6 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:192042 CAPLUS
DN 126:185882
TI Substituted cinnamic acid guanidides, process for their preparation, their use as cardiovascular medicament or diagnostic agent, as well as medicament containing them
IN Schwark, Jan-Robert; Brendel, Joachim; Kleemann, Heinz-Werner; Lang,

Hans-Jochen; Weichert, Andreas; Albus, Udo; Scholz, Wolfgang
PA Hoechst A.-G., Germany
SO Eur. Pat. Appl., 19 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 755919	A2	19970129	EP 1996-111665	19960719
	EP 755919	A3	19970409		
	EP 755919	B1	19991117		
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
				DE 1995-19527305A	19950726
	DE 19527305	A1	19970130	DE 1995-19527305	19950726
	PL 183439	B1	20020628	PL 1996-314279	19960516
				DE 1995-19527305A	19950726
	AT 186720	E	19991215	AT 1996-111665	19960719
				DE 1995-19527305A	19950726
	ES 2140765	T3	20000301	ES 1996-111665	19960719
				DE 1995-19527305A	19950726
	CN 1145899	A	19970326	CN 1996-110200	19960723
	CN 1062554	B	20010228		
				DE 1995-19527305A	19950726
	AU 9660668	A1	19970130	AU 1996-60668	19960724
	AU 704461	B2	19990422		
				DE 1995-19527305A	19950726
	US 5883133	A	19990316	US 1996-686999	19960724
				DE 1995-19527305A	19950726
	IL 118925	A1	20010808	IL 1996-118925	19960724
				DE 1995-19527305A	19950726
	SK 282018	B6	20011008	SK 1996-965	19960724
				DE 1995-19527305A	19950726
	CZ 289327	B6	20020116	CZ 1996-2184	19960724
				DE 1995-19527305A	19950726
	CA 2182062	AA	19970127	CA 1996-2182062	19960725
				DE 1995-19527305A	19950726
	NO 9603108	A	19970127	NO 1996-3108	19960725
				DE 1995-19527305A	19950726
	JP 09052823	A2	19970225	JP 1996-196283	19960725
				DE 1995-19527305A	19950726
	HR 960356	B1	20010228	HR 1996-960356	19960725
				DE 1995-19527305A	19950726
	BR 9603179	A	20020409	BR 1996-3179	19960725
				DE 1995-19527305A	19950726
	RU 2190601	C2	20021010	RU 1996-115333	19960725
				DE 1995-19527305A	19950726

OS MARPAT 126:185882
IT **187541-39-5P**
RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. and use as cardiovascular drugs or diagnostic agents)
RN 187541-39-5 CAPLUS
CN 2-Propenamide, N-(aminoiminomethyl)-2-methyl-3-[4-(4-pyridinylthio)-3-(trifluoromethyl)phenyl]-, dihydrochloride, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



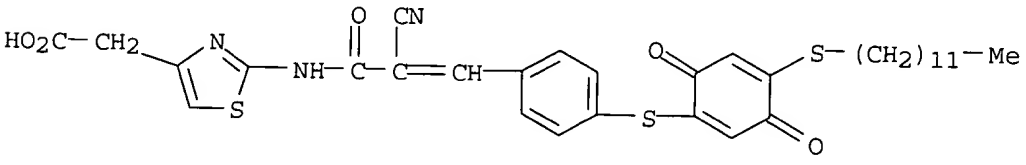
●2 HCl

AB Substituted cinnamic acid guanidides, such as E-3-(4-Me2NC6H4)CH:CMeCON:N(NH2)2, were prepd. by the reaction of lithiated tri-Et 2-phosphonopropionate in hexane with 4-Me2NC6H4CHO, the resulting ester sapond., followed by reaction with cinnamic acid guanidide. These substituted cinnamic acid guanidides were tested as inhibitors for Na+/H+ exchange by rabbit erythrocytes, indicating their use as cardiovascular drugs or diagnostic agents.

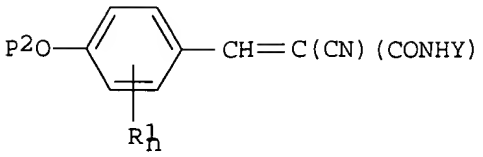
L6 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:758579 CAPLUS
DN 126:24819
TI Black-and-white silver halide photographic material
IN Yamada, Taketoshi; Kato, Katsunori; Komamura, Tawara
PA Konishiroku Photo Ind, Japan
SO Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 08248567	A2	19960927	JP 1995-54281	19950314
			JP 1995-54281	19950314

IT **184486-95-1**
RL: TEM (Technical or engineered material use); USES (Uses)
(in hydrophilic colloid layer; black-and-white silver halide photog. material with good workability in lighted room)
RN 184486-95-1 CAPLUS
CN 4-Thiazoleacetic acid, 2-[[2-cyano-3-[4-[[4-(dodecylthio)-3,6-dioxo-1,4-cyclohexadien-1-yl]thio]phenyl]-1-oxo-2-propenyl]amino]- (9CI) (CA INDEX NAME)



GI

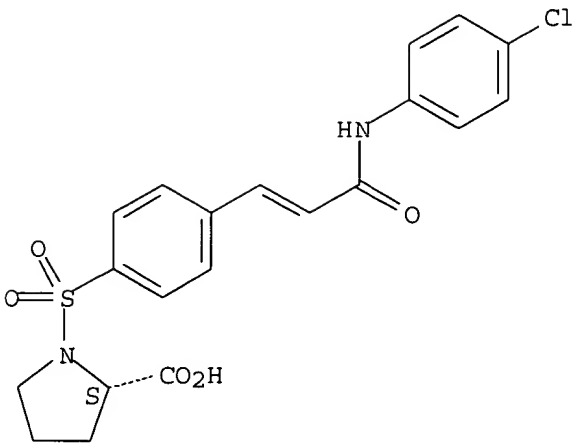


IV

AB The photog. material contains .gtoreq.1 an alkali-sol. dye or a dye precursor shown as QCH:C(CN)(CONHX) (I; X = hetero ring; Q = aryl; X and/or Q contains an org. substitute group; .gtoreq.1 of the substitute group is a proton-contg. group which can be ionized while developing). The photog. material contains .gtoreq.1 a dye precursor PJ1Q1CH:C(CN)(CONHX) (II; P = a group which releases J1 and its continuing group; J = divalent group; 1 = 0, 1; Q1 = aryl; X = same as above; X and/or Q1 contains an org. substitute group; .gtoreq.1 of the substitute group is a proton-contg. group which can be ionized while developing). The photog. material contains .gtoreq.1 a dye precursor [P1(J1)mX1NHC(O)](NC)C:CHQ2 (III; P1 = a group which releases J1m and its continuing group; J1 = divalent group; m = 0, 1; Q2 = aryl; X1 = same as above; X1 and/or Q2 contains an org. substitute group; .gtoreq.1 of the substitute group is a proton-contg. group which can be ionized while developing). The photog. material contains .gtoreq.1 a dye precursor IV (Y = N-contg. hetero ring; R1 = H, a substitute group for benzene ring; P2 = a group which can be released while developing; n = 0-2; org. substitute group of R1 and/or Y is a proton-contg. group which can be ionized while developing). The photog. material comprises a support, successively laminated with .gtoreq.1 an Ag halide emulsion layer and .gtoreq.1 a nonphotosensitive hydrophilic colloid layer contg. .gtoreq.1 of I, II, III, and IV. The photog. material can be worked in a lighted room.

L6 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:816889 CAPLUS
DN 124:30363
TI Synthesis and study of some new N-(p-chlorophenyl)cinnamide-4-sulfonyl amino acid derivatives
AU Khalaf, N. S.; El-Gazzar, M. A.; Eyada, H. A.; El-Sayed, R. A.
CS Faculty Science, Al-Azhar University, Cairo, Egypt
SO Al-Azhar Bulletin of Science (1994), 5(2), 487-94
CODEN: ABSCE7; ISSN: 1110-2535
PB Al-Azhar University, Faculty of Science
DT Journal
LA English
IT **161826-36-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis and antimicrobial activities of (chlorophenyl)cinnamide sulfonyl amino acid derivs.)
RN 161826-36-4 CAPLUS
CN L-Proline, 1-[[4-[3-[(4-chlorophenyl)amino]-3-oxo-1-propenyl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

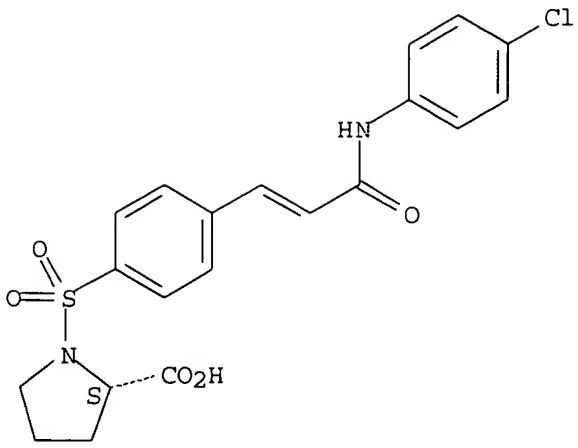
Absolute stereochemistry.
Double bond geometry unknown.



AB N-(p-chlorophenyl)cinnamide-4-sulfonyl amino acids p-ClC6H4NHCOCH:CHC6H4SO2-X-OH (I; X = amino acid residue) and some of their Me esters and hydrazides were prepd. Coupling reactions of these amino acid derivs. with amino acid Me ester hydrochlorides in THF-Et3N medium yielded the dipeptide (I; X = dipeptide residue) Me esters, which were converted into hydrazides. Some of the synthesized compds. possess specific biol. activities towards a no. of microorganisms.

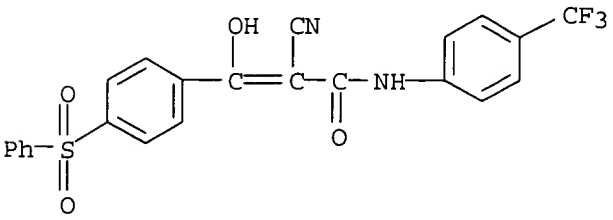
L6 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:269683 CAPLUS
DN 122:214486
TI Some new reactions of N-(p-chlorophenyl)-cinnamide-4-sulfonylamino acid derivatives and their antimicrobial activity
AU El-Sayed, Ragab A.; Khalaf, N. S.; El-Gazzar, M. A.; Kora, F. A.
CS Chem. Dep., Al-Azhar Univ., Cairo, Egypt
SO Journal of the Serbian Chemical Society (1994), 59(10), 727-33
CODEN: JSCSEN; ISSN: 0352-5139
PB Serbian Chemical Society
DT Journal
LA English
IT **161826-36-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of new (p-chlorophenyl)cinnamidesulfonylamino acid derivs. and their antimicrobial activity)
RN 161826-36-4 CAPLUS
CN L-Proline, 1-[[4-[3-[(4-chlorophenyl)amino]-3-oxo-1-propenyl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

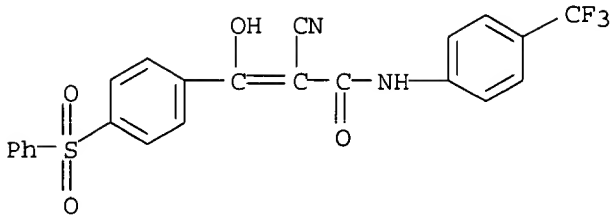
Absolute stereochemistry.
Double bond geometry unknown.



AB The synthesis of a series of N-(p-chlorophenyl)-cinnamide-4-sulfonylamino acids and some of the corresponding Me esters and hydrazides is described. Coupling reactions of N-(p-chlorophenyl)-cinnamide-4-sulfonylamino acids with amino acid Me ester hydrochloride in THF - Et3N medium, yielded the desired dipeptide Me esters. Reaction of these dipeptide with alc. hydrazine hydrate gave the corresponding dipeptide hydrazides. Some of the synthesized compds. were found to possess specific biol. activities towards a no. of microorganisms.

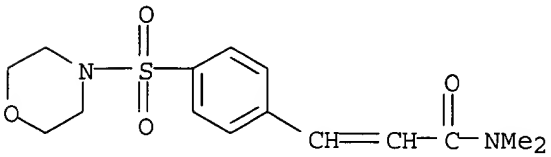
L6 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1991:631817 CAPLUS
DN 115:231817
TI Synthesis and biological activity of a series of diaryl-substituted .alpha.-cyano-.beta.-hydroxypropenamides, a new class of anthelmintic agents
AU Sjogren, Eric B.; Rider, Michael A.; Nelson, Peter H.; Bingham, Stanford, Jr.; Poulton, Anthony L.; Emanuel, Mark A.; Komuniecki, Richard
CS Syntex Res., Palo Alto, CA, 94304, USA
SO Journal of Medicinal Chemistry (1991), 34(11), 3295-301
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 115:231817
IT **136186-14-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. and anthelmintic activity of)
RN 136186-14-6 CAPLUS
CN 2-Propenamide, 2-cyano-3-hydroxy-3-[4-(phenylsulfonyl)phenyl]-N-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



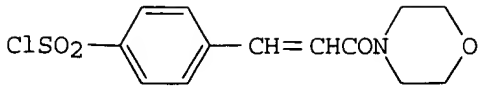


AB A series of .alpha.-cyano-.beta.-hydroxypropenamides e.g. 4-F3CC6H4C(OH):C(CN)CONHC6H4CF3-4 (I), were prepd. and tested for anthelmintic activity. Two synthetic routes were utilized for the synthesis of I and its analogs. The principal route proceeded via condensation of appropriate aniline with cyanoacetic acid in the presence of diisopropylcarbodiimide to give the corresponding cyanoacetanilide which on treatment with NaH in THF or DMF followed by condensation with acid chlorides gave I and analogs. I showed good activity against the nematode Nematospirodes dubius in a mixed parasite infection in mice; several of the analogs were also effective against the cestode Hymenolepis nana. In sheep trials, I caused 100% redn. of the hematophagous nematode Haemonchus contortus after a single dose of 20 mg/kg but did not show satisfactory control of Trichostrongylus colubriformis or Ostertagia circumcinta. Against the liver fluke Fasciola hepatica I suppressed egg prodn. but only temporarily, suggesting that the adult flukes were not eliminated. Mechanism of action studies on I using Ascaris mitochondria showed it to be an uncoupler of oxidative phosphorylation.

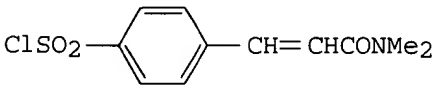
L6 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1987:32492 CAPLUS
DN 106:32492
TI Substituted cinnamide 4-sulfonyl derivatives
AU Cremlyn, R. J.; Obiorah, O.; Singh, G.
CS Sch. Nat. Sci., Hatfield Polytech., Hatfield/Hertfordshire, UK
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1986), 25B(5), 559-61
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 106:32492
IT **105941-21-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 105941-21-7 CAPLUS
CN 2-Propenamide, N,N-dimethyl-3-[4-(4-morpholinylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



GI



I

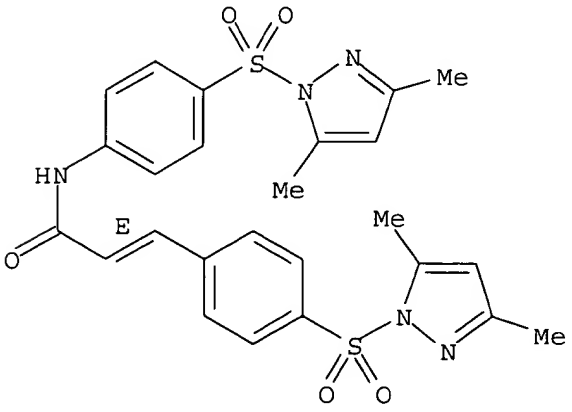


II

AB Cinnamoylmorpholine and PhCH:CHCONMe2 reacted with ClSO3H to give the corresponding 4-sulfonyl chlorides I and II. Twenty-seven sulfonyl derivs. were derived from I and II by reacting these with nucleophiles. The results of preliminary antibacterial and fungicidal screening of the sulfonyl derivs. are given. Thus, reaction of I with N2H4 gave 71% the hydrazinylsulfonyl compd., which had bactericidal activity at 50 ppm and fungicidal activity at 100 ppm.

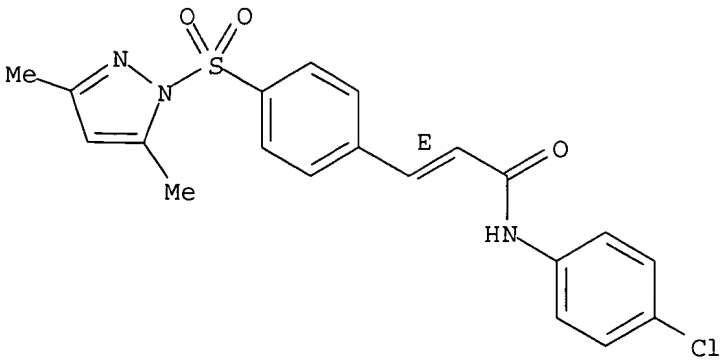
L6 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1986:168072 CAPLUS
DN 104:168072
TI Chlorosulfonation of some anilides
AU Cremlyn, R. J.; Swinbourne, F. J.; Bloy, J. G.; Pathak, K.; Shode, O.
CS Div. Chem. Sci., Hatfield Polytech., Hatfield/Herts., AL10 9AB, UK
SO Journal of the Chemical Society of Pakistan (1985), 7(2), 111-24
CODEN: JCSPDF; ISSN: 0253-5106
DT Journal
LA English
OS CASREACT 104:168072
IT **101682-34-2P 101682-36-4P 101707-74-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 101682-34-2 CAPLUS
CN 2-Propenamide, N,3-bis[4-[(3,5-dimethyl-1H-pyrazol-1-yl)sulfonyl]phenyl]-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

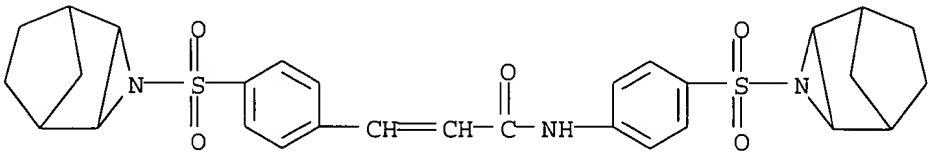


RN 101682-36-4 CAPLUS
CN 2-Propenamide, N-(4-chlorophenyl)-3-[4-[(3,5-dimethyl-1H-pyrazol-1-yl)sulfonyl]phenyl]-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

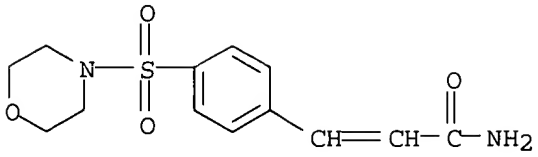


RN 101707-74-8 CAPLUS
CN 2-Propenamide, N,3-bis[4-(3-azatricyclo[3.2.1.02,4]oct-3-ylsulfonyl)phenyl]-, [1.alpha.,2.beta.,3[E(1R*,2S*,4R*,5S*)],4.beta.,5.alpha.]- (9CI) (CA INDEX NAME)

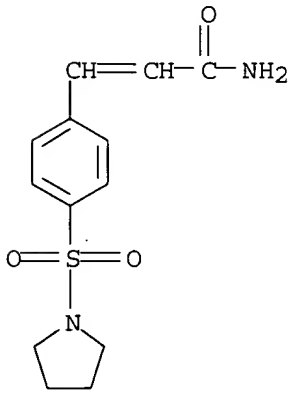


AB (R = C6H4SO2Cl-4 throughout.). Sulfonyl chlorides RCH:CHCONHR (I), RCH:CHCONHC6H4Cl-4 (II), 4-ClC6H4CH:CHR (III), CH2(CONHR)2 (IV), and R1NHCOCONHR1 [R1 = R (V); R1 = 3,4-ClO2S(Cl)C6H3 (VI)] were prepd. from corresponding anilides in 60-98% yields. CH2(CONHC6H4Cl-4)2 failed to react with ClSO3H. Nucleophilic substitution of I-VI by NH3, N2H4, amines, and N3- gave corresponding derivs.

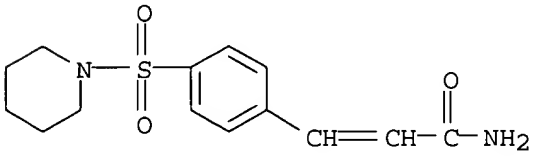
L6 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1984:551705 CAPLUS
DN 101:151705
TI Derivatives of cinnamide-4-sulfonyl chloride and p-(phthalimido)benzenesulfonyl chloride
AU Cremlyn, R. J.; Thandi, K.; Wilson, R.
CS Sch. Nat. Sci., Hatfield Polytech., Hatfield, UK
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1984), 23B(1), 94-6
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 101:151705
IT **92082-69-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and bactericidal activity of)
RN 92082-69-4 CAPLUS
CN 2-Propenamide, 3-[4-(4-morpholinylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



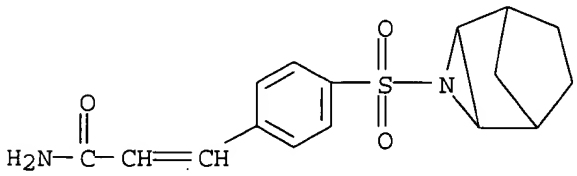
IT **92082-70-7P 92082-71-8P 92082-81-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 92082-70-7 CAPLUS
CN 2-Propenamide, 3-[4-(1-pyrrolidinylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



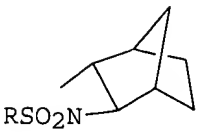
RN 92082-71-8 CAPLUS
CN 2-Propenamide, 3-[4-(1-piperidinylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



RN 92082-81-0 CAPLUS
CN 2-Propenamide, 3-[4-(3-azatricyclo[3.2.1.02,4]oct-3-enylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



GI

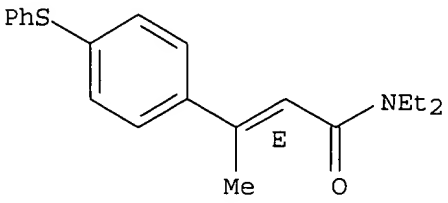


III

AB RH (R = H2NCOCH:CHC6H4-4, 4-phthalimidophenylene) reacted with ClSO3H to give RSO2Cl (I), which reacted with NaN3 to give RSO2N3 (II). PR13 (R1 = OEt, OPh, Ph) reacted with II to give RSO2N:PR13, whereas norbornene reacted with II to give aziridinenorbornanes III. I were treated with H2NNH2 to give RSO2NHNH2, which reacted with R2COR3 [R2 = R3 = Me; R2R3 = (CH2)5; R2 = H, R3 = Ph, C6H4NO2-4, C6H4OMe-4) to give hydrazones RSO2NHN:CR2R3. Amines HNR4R5 (R4 = R5 = Me, CH2CHMe2; R4 = H, R5 = CH2Ph; NR4R5 = morpholino, pyrrolidino, piperidino) and I gave sulfonamides RSO2NR4R5. RSO2N3 and RSO2NR4R5 (R4 = R5 = Me; NR4R5 = morpholino) were active against Escherichia coli and Staphylococcus aureus at 100 ppm. Several compds. were fungicides for Botrytis cinerea at 100 ppm.

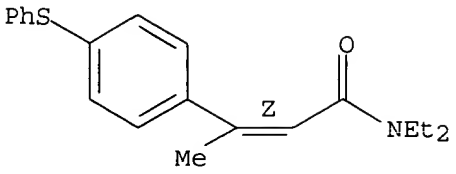
L6 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1975:124989 CAPLUS
DN 82:124989
TI Synthetic juvenile hormones. 1. The p-substituted .beta.-methylcinnamic acid derivatives
AU Franke, Albrecht; Mattern, Guenter; Traber, Walter
CS Dep. Biotech. Prod., Ciba-Geigy A.-G., Basel, Switz.
SO Helvetica Chimica Acta (1975), 58(1), 268-78
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA English
IT **54875-53-5P 54875-54-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 54875-53-5 CAPLUS
CN 2-Butenamide, N,N-diethyl-3-[4-(phenylthio)phenyl]-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 54875-54-6 CAPLUS
CN 2-Butenamide, N,N-diethyl-3-[4-(phenylthio)phenyl]-, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



GI For diagram(s), see printed CA Issue.

AB Reaction of p-RC6H4COMe with (EtO)2P(O)CH2R1 (I; R1 = CONEt2, CN, CO2Me) gave (E)- and (Z)-p-RC6H4CMe:CHR1 (.apprx.90 isomer pairs prepd.). Reaction of cyclohexanone with p-NCC6H4CH2P(O)(OEt)2 gave .alpha.-cyclohexylidene-p-tolunitrile, which with MeMgI, then I, gave the corresponding .beta.-methylcinnamic acid deriv. With substituted (Me, Me3C) cyclohexanones, double bond migration took place to give mixts. of II and III (9 prepd.).

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	92.64	504.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-12.37	-12.37

STN INTERNATIONAL LOGOFF AT 07:59:38 ON 25 AUG 2003

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LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

```
 NEWS 36  AUG 18  Simultaneous left and right truncation added to PASCAL
 NEWS 37  AUG 18  FROSTI and KOSMET enhanced with Simultaneous Left and Right
                  Truncation
 NEWS 38  AUG 18  Simultaneous left and right truncation added to ANABSTR

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:19:55 ON 25 AUG 2003

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 08:20:05 ON 25 AUG 2003
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STRUCTURE FILE UPDATES:   22 AUG 2003  HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES:  22 AUG 2003  HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09541795.9
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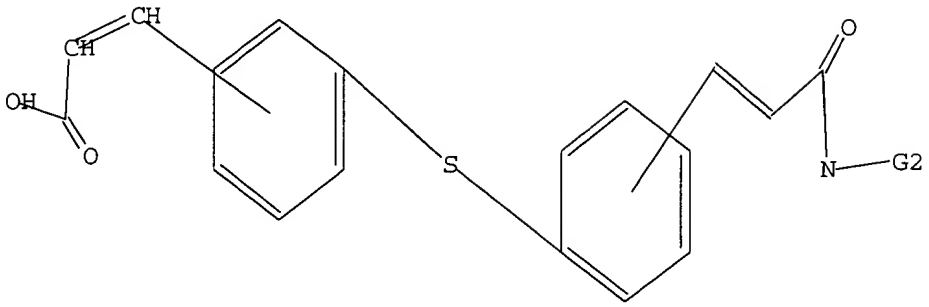
L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 Cb,Cy,Hy
G2 H,Cb,Cy,Hy,Ak,OH,COOH

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 08:20:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 27 TO ITERATE

100.0% PROCESSED 27 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> file caold
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.15	148.36

FILE 'CAOLD' ENTERED AT 08:20:38 ON 25 AUG 2003
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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l1 sss full
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 08:20:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 27 TO ITERATE

100.0% PROCESSED 27 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

L4 0 L3

=> file marpat

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.40	297.31

FILE 'MARPAT' ENTERED AT 08:20:49 ON 25 AUG 2003
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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08)(20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003
DE 20300703 31 JUL 2003
EP 1331259 30 JUL 2003
JP 2003207510 25 JUL 2003
WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l1 sss full
FULL SEARCH INITIATED 08:20:56 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 3478 TO ITERATE

99.3% PROCESSED 3453 ITERATIONS 0 ANSWERS

100.0% PROCESSED 3478 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.33

L5 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	104.55	401.86

STN INTERNATIONAL LOGOFF AT 08:21:33 ON 25 AUG 2003

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LOGINID:ssspta1611sxp

PASSWORD:
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NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

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 NEWS 36  AUG 18  Simultaneous left and right truncation added to PASCAL
 NEWS 37  AUG 18  FROSTI and KOSMET enhanced with Simultaneous Left and Right
                  Truncation
 NEWS 38  AUG 18  Simultaneous left and right truncation added to ANABSTR

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
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FILE 'HOME' ENTERED AT 08:46:10 ON 25 AUG 2003

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 08:46:24 ON 25 AUG 2003
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STRUCTURE FILE UPDATES:   22 AUG 2003  HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES:  22 AUG 2003  HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

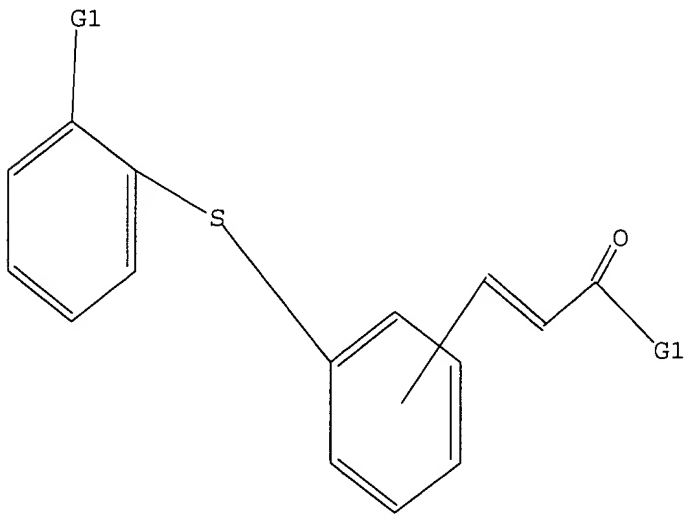
Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09541795.15
```

L1 STRUCTURE UPLOADED

=> l1
L1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,PhO

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 08:46:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 454 TO ITERATE

100.0% PROCESSED 454 ITERATIONS 14 ANSWERS
SEARCH TIME: 00.00.01

L2 14 SEA SSS FUL L1

=> file caold
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.15	148.36

FILE 'CAOLD' ENTERED AT 08:47:04 ON 25 AUG 2003
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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l1 sss full
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 08:47:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 454 TO ITERATE

100.0% PROCESSED 454 ITERATIONS 14 ANSWERS
SEARCH TIME: 00.00.01

L3 14 SEA SSS FUL L1

L4 0 L3

=> file marpat

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.40	297.31

FILE 'MARPAT' ENTERED AT 08:47:16 ON 25 AUG 2003
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08)(20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003
DE 20300703 31 JUL 2003
EP 1331259 30 JUL 2003
JP 2003207510 25 JUL 2003
WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l1 sss full

```
FULL SEARCH INITIATED 08:47:22 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED -  14601 TO ITERATE

 68.7% PROCESSED   10036 ITERATIONS  (     1 INCOMPLETE)      12 ANSWERS

 94.2% PROCESSED   13761 ITERATIONS  (     7 INCOMPLETE)      23 ANSWERS

 96.1% PROCESSED   14030 ITERATIONS  (    12 INCOMPLETE)      28 ANSWERS

 98.8% PROCESSED   14431 ITERATIONS  (    16 INCOMPLETE)      32 ANSWERS

 99.3% PROCESSED   14496 ITERATIONS  (    16 INCOMPLETE)      32 ANSWERS

100.0% PROCESSED   14601 ITERATIONS  (    18 INCOMPLETE)      34 ANSWERS
SEARCH TIME: 00.01.49

L5            34 SEA SSS FUL L1

=> d his

     (FILE 'HOME' ENTERED AT 08:46:10 ON 25 AUG 2003)

     FILE 'REGISTRY' ENTERED AT 08:46:24 ON 25 AUG 2003
L1                STRUCTURE UPLOADED
L2            14 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 08:47:04 ON 25 AUG 2003
                S L1

     FILE 'REGISTRY' ENTERED AT 08:47:09 ON 25 AUG 2003
L3            14 S L1 SSS FULL

     FILE 'CAOLD' ENTERED AT 08:47:10 ON 25 AUG 2003
L4             0 S L3 SSS FULL

     FILE 'MARPAT' ENTERED AT 08:47:16 ON 25 AUG 2003
L5            34 S L1 SSS FULL

=> d l5 fbib hitstr abs total
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'MARPAT'

The following are valid formats:

MSTR ----- All Markush structure(s) and related text information
MSTR(n) -- Markush structure(n) and related text information
IDE ------ AN and MSTR

ABS ------ AB
ALL ------ BIB, AB, IND, RE, and MSTR
APPS ----- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN ------ List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
DALL ----- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND ------ Indexing Data
```

IPC ------ International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ------ CC, SX, TI, ST, IT, and FQHIT
SCAN ----- CC, SX, TI, ST, IT, and FQHIT (random display,
no answer numbers)
STD ------ BIB, IPC, and NCL (standard patent information)

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD ----- STD, indented with text labels
OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT ------ Fields containing hit text terms and the Markush
structures containing the query structure
FHIT ----- Fields containing the first hit text terms and the first
Markush structures containing the query structure
QHIT ----- Fields containing query focus hit text terms and the
Markush structures containing the query structure
FQHIT ---- Fields containing the first query focus hit text terms and
the first Markush structures containing the query structure

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter "HELP DFIELDS" at an arrow prompt (=>). Examples of formats include: "TI"; "TI,MSTR,ABS"; "BIB,ST"; "TI,IND"; "TI,SO". You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, FHIT, HIT, FQHIT, or QHIT) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):BIB

L5 ANSWER 1 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 139:36349 MARPAT
TI Preparation of arylalkyl-urea/carbamates for treatment of inflammation, diabetes and related disorders
IN Neogi, Partha; Dey, Debendranath; Li, Ta-Kai; Fuller, Joseph; Chen, Liang
PA Calyx Therapeutics Inc., USA
SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003048108	A2	20030612	WO 2002-US38150	20021127

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2001-334818P 20011129

L5 ANSWER 2 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:287410 MARPAT
TI Preparation of 3-phenylacrylamides and analogs as inhibitors of cyclooxygenase II
IN Mauleon Casellas, David; Garcia Perez, Luisa; Palomer Benet, Albert; Pascual Avellana, Jaime
PA Laboratorios Menarini, S.A., Spain
SO Span., 27 pp.
CODEN: SPXXAD
DT Patent
LA Spanish
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI ES 2164564	A1	20020216	ES 1999-2287	19991018
ES 2164564	B1	20030216		
PRAI ES 1999-2287	19991018			

L5 ANSWER 3 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 138:195820 MARPAT
TI Rinse-processing composition for processing silver halide color photographic material, processing apparatus and processing method
IN Seki, Hioyuki
PA Fuji Photo Film Co., Ltd., Japan
SO Eur. Pat. Appl., 55 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1286214	A1	20030226	EP 2002-18919	20020823
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CN 1407400	A	20030402	CN 2002-130116	20020822
JP 2003140312	A2	20030514	JP 2002-243599	20020823
PRAI JP 2001-253095	20010823			

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 137:239851 MARPAT
TI Electrophoretic displays using improved dispersants
IN Obikawa, Takeshi; Katase, Makoto; Kinoshita, Satoshi; Uehara, Masamitsu
PA Seiko Epson Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002268097	A2	20020918	JP 2001-70371	20010313
	US 2002175891	A1	20021128	US 2002-97361	20020312
PRAI	JP 2001-70371	20010313			
	JP 2001-70372	20010313			

L5 ANSWER 5 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 137:63117 MARPAT
TI Preparation of streptogramin derivatives, and compositions containing them as antibacterial agents
IN Desmazeau, Pascal; Ronan, Baptiste; Bacque, Eric; Barriere, Jean-Claude
PA Aventis Pharma S.A., Fr.
SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002050083	A1	20020627	WO 2001-FR4061	20011219
	W: JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	FR 2818644	A1	20020628	FR 2000-16803	20001221
	US 2002143041	A1	20021003	US 2001-24186	20011221
	US 6596717	B2	20030722		
PRAI	FR 2000-16803	20001221			
	US 2001-262645P	20010122			

OS CASREACT 137:63117
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 137:13339 MARPAT
TI Homeotropic alignment layer for liquid crystal display
IN Heckmeier, Michael; Klasen-Memmer, Melanie; Luessem, Georg; Tarumi, Kazuaki; Coates, David; Parri, Owain Llyr; Verrall, Mark Andrew
PA Merck Patent Gmbh, Germany
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002044801	A2	20020606	WO 2001-EP13584	20011122
	WO 2002044801	A3	20020801		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

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        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
            CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
            BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
    AU 2002033193     A5   20020611       AU 2002-33193    20011122
PRAI EP 2000-125235   20001123
    WO 2001-EP13584   20011122

L5   ANSWER 7 OF 34  MARPAT  COPYRIGHT 2003 ACS on STN
AN   135:371527  MARPAT
TI   Preparation of bisacylguanidine with cardioprotective activity
IN   Gericke, Rolf; Beier, Norbert
PA   Merck Patent G.m.b.H., Germany
SO   Ger. Offen., 12 pp.
     CODEN: GWXXBX
DT   Patent
LA   German
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
PI   DE 10024319        A1   20011122       DE 2000-10024319 20000517
     WO 2001087829      A1   20011122       WO 2001-EP4425   20010419
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
            HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
            LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
            RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
            VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI DE 2000-10024319  20000517
OS   CASREACT 135:371527

L5   ANSWER 8 OF 34  MARPAT  COPYRIGHT 2003 ACS on STN
AN   134:348284  MARPAT
TI   Phenyl compounds to treat diabetes and associated conditions
IN   Neogi, Partha; Nag, Bishwajit; Lakner, Frederick J.; Dey, Debendranath;
     Medicherla, Satyanarayana
PA   Calyx Therapeutics, Inc., USA
SO   PCT Int. Appl., 47 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
PI   WO 2001034094      A2   20010517       WO 2000-US30927  20001108
     WO 2001034094      C2   20020725
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
            HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
            LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
            SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
            YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    US 6525093         B1   20030225       US 1999-436047   19991108
```

	AU 2001017607	A5	20010606	AU 2001-17607	20001108
	EP 1235785	A2	20020904	EP 2000-980331	20001108
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2002107285	A1	20020808	US 2002-75442	20020215
PRAI	US 1999-436047	19991108			
	WO 2000-US30927	20001108			

L5 ANSWER 9 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 134:86151 MARPAT
TI Preparation of indole-2,3-dicarboxamides, benzothiophene-2,3-carboxamides, and benzofuran-2,3-carboxamides as herbicides
IN Katsuhira, Takeshi; Harayama, Hiroto; Oda, Yoshiki; Murata, Shinji; Takaishi, Hideo
PA Nihon Nohyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001002642	A2	20010109	JP 1999-174118	19990621
PRAI	JP 1999-174118	19990621			

L5 ANSWER 10 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 133:296281 MARPAT
TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn, Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae, Hwan-soo; Lynch, John K.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 476 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059880	A1	20001012	WO 2000-US8895	20000403
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1165505	A1	20020102	EP 2000-921654	20000403
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 2000009426	A	20020409	BR 2000-9426	20000403
	EE 200100513	A	20021216	EE 2001-513	20000403
	NO 2001004767	A	20011130	NO 2001-4767	20011001

	BG 106029	A	20020531	BG 2001-106029	20011018
	HR 2001000776	A1	20021231	HR 2001-776	20011023
PRAI	US 1999-286645	19990402			
	US 1999-474517	19991229			
	US 2000-541795	20000331			
	WO 2000-US8895	20000403			

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 131:322420 MARPAT
TI Substituted phenyl compounds and derivatives thereof that modulate the activity of endothelin
IN Chan, Ming Fai; Balaji, Vitukudi Narayanaiyengar; Castillo, Rosario Silvestre; Kois, Adam; Raju, Bore Gowda; Wu, Chengde
PA Texas Biotechnology Corporation, USA
SO U.S., 45 pp., Cont.-in-part of U.S. Ser. No. 583,871, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5977117	A	19991102	US 1996-590139	19960123
	WO 9725321	A2	19970717	WO 1997-US366	19970103
	WO 9725321	A3	19970912		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9715324	A1	19970801	AU 1997-15324	19970103
	EP 876364	A2	19981111	EP 1997-901420	19970103
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
	US 6265428	B1	20010724	US 1999-327661	19990608
	US 2001014694	A1	20010816	US 2001-808771	20010314
PRAI	US 1996-583871	19960105			
	US 1996-590139	19960123			
	WO 1997-US366	19970103			
	US 1999-327661	19990608			

RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 131:185250 MARPAT
TI Preparation of Streptogramin derivatives as antimicrobial agents
IN Desmazeau, Pascal; Doerflinger, Gilles; Ribeill, Yves; Bacque, Eric; Barriere, Jean-claude; Dutruc-rosset, Gilles; Puchault, Gerard
PA Rhone-Poulenc Rorer S.A., Fr.
SO PCT Int. Appl., 202 pp.
CODEN: PIXXD2
DT Patent
LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9943699	A1	19990902	WO 1999-FR409	19990224
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	FR 2775288	A1	19990827	FR 1998-2316	19980226
	FR 2775288	B1	20000331		
	CA 2321114	AA	19990902	CA 1999-2321114	19990224
	AU 9926283	A1	19990915	AU 1999-26283	19990224
	BR 9908195	A	20001024	BR 1999-8195	19990224
	EP 1056771	A1	20001206	EP 1999-906296	19990224
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	JP 2002504560	T2	20020212	JP 2000-533450	19990224
	ZA 9901546	A	19990825	ZA 1999-1546	19990225
	HR 2000000452	A1	20001231	HR 2000-452	20000705
	NO 2000004273	A	20001023	NO 2000-4273	20000825
	US 2002151676	A1	20021017	US 2002-161804	20020605
PRAI	FR 1998-2316	19980226			
	WO 1999-FR409	19990224			
	US 2000-643197	20000822			

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 129:40990 MARPAT
TI Bi-aromatic compounds with RXR receptor activity, pharmaceutical and cosmetic compositions containing them, and their uses
IN Bernardon, Jean-Michel; Diaz, Philippe
PA Centre International de Recherches Dermatologiques Galderma (C.I.R.D. Galder, Fr.; Bernardon, Jean-Michel; Diaz, Philippe
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9822423	A1	19980528	WO 1997-FR2063	19971117
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	FR 2755965	A1	19980522	FR 1996-14098	19961119
	FR 2755965	B1	19981218		
	CA 2243404	AA	19980528	CA 1997-2243404	19971117
	AU 9852254	A1	19980610	AU 1998-52254	19971117
	AU 719468	B2	20000511		
	JP 11503472	T2	19990326	JP 1998-523275	19971117

	JP 3232484	B2	20011126		
	BR 9707153	A	19990406	BR 1997-7153	19971117
	EP 915823	A1	19990519	EP 1997-947075	19971117
	EP 915823	B1	20010418		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 200661	E	20010515	AT 1997-947075	19971117
	US 6258775	B1	20010710	US 1997-101622	19971117
	JP 2001233821	A2	20010828	JP 2000-399456	19971117
	ES 2158597	T3	20010901	ES 1997-947075	19971117
PRAI	FR 1996-14098	19961119			
	JP 1998-523275	19971117			
	WO 1997-FR2063	19971117			

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 127:220986 MARPAT
TI Preparation of phenylalanine derivatives as endothelin antagonists
IN Berryman, Kent Alan; Cheng, Xue-min; Doherty, Annette Marian; Edmunds, Jeremy John; Klutchko, Sylvester
PA Warner-Lambert Co., USA
SO U.S., 23 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5658943	A	19970819	US 1995-369209	19950105
PRAI	US 1995-369209	19950105			

L5 ANSWER 15 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 127:161816 MARPAT
TI Preparation of aryl- and/or heteroaryl-substituted benzoic acids as endothelin antagonists and/or agonists
IN Chan, Ming Fai; Balaji, Vitukudi Narayanaiyengar; Castillo, Rosario Silverstre; Kois, Adam; Raju, Bore Gowda; Wu, Chengde
PA Texas Biotechnology Corp., USA
SO PCT Int. Appl., 136 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9725321	A2	19970717	WO 1997-US366	19970103
	WO 9725321	A3	19970912		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5977117	A	19991102	US 1996-590139	19960123
	AU 9715324	A1	19970801	AU 1997-15324	19970103

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     EP 876364          A2   19981111       EP 1997-901420   19970103
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI
PRAI US 1996-583871    19960105
     US 1996-590139    19960123
     WO 1997-US366     19970103

L5   ANSWER 16 OF 34  MARPAT  COPYRIGHT 2003 ACS on STN
AN   126:312254  MARPAT
TI   Inhibitors of global pathogenesis gene regulators for treatment of
     microbial infections, pharmaceutical compositions, and screening methods
IN   Bao, Ying; Boggs, Amy; Contag, Pamela R.; Federspiel, Nancy A.; Hebert,
     Alan; Hecker, Scott; Malouin, Francois
PA   Microcide Pharmaceuticals, Inc., USA
SO   PCT Int. Appl., 137 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   WO 9711690          A2   19970403       WO 1996-US15435  19960925
         W:  AU, CA, CU, DE, IL, JP, MX, NZ
         RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
     US 6020121          A    20000201       US 1996-672215   19960625
     AU 9671686          A1   19970417       AU 1996-71686    19960925
PRAI US 1995-4626P     19950929
     US 1996-672215    19960625
     WO 1996-US15435   19960925

L5   ANSWER 17 OF 34  MARPAT  COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN   126:251163  MARPAT
TI   Preparation of substituted aminouracils as herbicides.
IN   Andree, Roland; Drewes, Mark Wilhelm; Dollinger, Markus
PA   Bayer A.-G., Germany
SO   Ger. Offen., 18 pp.
     CODEN: GWXXBX
DT   Patent
LA   German
FAN.CNT 1
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   DE 19532344         A1   19970306       DE 1995-19532344 19950904
     CA 2230650          AA   19970313       CA 1996-2230650  19960822
     WO 9709319          A1   19970313       WO 1996-EP3693   19960822
         W:  AU, BB, BG, BR, BY, CA, CN, CZ, HU, JP, KR, KZ, LK, MX, NO, NZ,
             PL, RO, RU, SK, TR, UA, US
         RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
             SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
     AU 9668762          A1   19970327       AU 1996-68762    19960822
     AU 705631           B2   19990527
     EP 851861           A1   19980708       EP 1996-929303   19960822
         R:  CH, DE, FR, GB, IT, LI
     CN 1195341          A    19981007       CN 1996-196722   19960822
     CN 1108293          B    20030514
     JP 11512102         T2   19991019       JP 1997-510813   19960822
     US 6008160          A    19991228       US 1998-29212    19980225
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	BR 9610194	A	19981215	BR 1996-10194	19980302
PRAI	DE 1995-19532344	19950904			
	WO 1996-EP3693	19960822			

L5 ANSWER 18 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 126:171617 MARPAT
TI Preparation of arylaminouracils as herbicides and intermediates.
IN Andree, Roland; Drewes, Mark Wilhelm; Schallner, Otto; Dollinger, Markus; Santel, Hans-Joachim
PA Bayer A.-G., Germany
SO Ger. Offen., 24 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19527570	A1	19970130	DE 1995-19527570	19950728
	CA 2227762	AA	19970213	CA 1996-2227762	19960715
	WO 9705116	A1	19970213	WO 1996-EP3088	19960715
	W: AU, BB, BG, BR, BY, CA, CN, CZ, HU, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9666566	A1	19970226	AU 1996-66566	19960715
	EP 842155	A1	19980520	EP 1996-926347	19960715
	EP 842155	B1	20030409		
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
	CN 1196725	A	19981021	CN 1996-197016	19960715
	BR 9609671	A	19990706	BR 1996-9671	19960715
	JP 11510145	T2	19990907	JP 1997-507163	19960715
	US 6417141	B1	20020709	US 1998-38	19980121
PRAI	DE 1995-19527570	19950728			
	WO 1996-EP3088	19960715			

L5 ANSWER 19 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 125:167598 MARPAT
TI Preparation and formulation of (tetrahydrotetramethylnaphthyloxy)naphthoates and analogs for treatment of keratinization disorders
IN Bernardon, Jean-Michel
PA Centre International De Recherches Dermatologiques Galderma (C.I.R.D. Galderma), Fr.
SO Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 722928	A1	19960724	EP 1995-120073	19951219
	EP 722928	B1	19970806		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	FR 2729664	A1	19960726	FR 1995-659	19950120
	FR 2729664	B1	19970221		
	AT 156474	E	19970815	AT 1995-120073	19951219
	ES 2111364	T3	19980301	ES 1995-120073	19951219
	AU 9640794	A1	19960815	AU 1996-40794	19960104

	AU 684405	B2	19971211		
	CA 2167651	AA	19960721	CA 1996-2167651	19960119
	CA 2167651	C	20010313		
	JP 08245475	A2	19960924	JP 1996-7863	19960119
	US 5763487	A	19980609	US 1996-589388	19960122
	US 5985928	A	19991116	US 1998-5601	19980109
	US 6156750	A	20001205	US 1999-229829	19990113
PRAI	FR 1995-659	19950120			
	US 1996-589388	19960122			
	US 1998-5601	19980109			

L5 ANSWER 20 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 124:202282 MARPAT
TI Preparation of dihydrobenzoxazinone derivatives as phospholipase A2 and interleukin 1 inhibitors
IN Kawakita, Takeshi; Kuroita, Takanobu; Murozono, Takahiro; Terasawa, Michio; Okamoto, Hitoshi
PA Yoshitomi Pharmaceutical, Japan
SO Jpn. Kokai Tokkyo Koho, 35 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07242662	A2	19950919	JP 1994-31631	19940301
	JP 3348505	B2	20021120		
PRAI	JP 1994-31631	19940301			

L5 ANSWER 21 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 123:198620 MARPAT
TI Heteroaryl cinnamic acids as inhibitors of leukotriene biosynthesis
IN Fortin, Rejean; Girard, Yves; Grimm, Erich; Hutchinson, John; Scheigetz, John
PA Merck Frosst Canada, Inc., Can.
SO U.S., 28 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5360815	A	19941101	US 1993-81506	19930623
	CA 2125830	AA	19941224	CA 1994-2125830	19940614
PRAI	US 1993-81506	19930623			

L5 ANSWER 22 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 123:198425 MARPAT
TI Preparation of tricarboxylic acid derivatives as squalene synthetase inhibitors
IN Kobayashi, Takamitsu; Tamura, Kunio; Yoshida, Mitsutaka; Koga, Hiroshi
PA Chugai Seiyaku Kabushiki Kaisha, Japan
SO PCT Int. Appl., 102 pp.
CODEN: PIXXD2
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9504025	A1	19950209	WO 1994-JP1249	19940729
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, KE, KG, KR, KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 07112954	A2	19950502	JP 1994-207897	19940728
	AU 9472383	A1	19950228	AU 1994-72383	19940729
PRAI	JP 1993-227745	19930729			
	WO 1994-JP1249	19940729			

L5 ANSWER 23 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 123:69846 MARPAT
TI Diphenylamine compounds
IN Beckmann, Stefan; Etzbach, Karl-Heinz; Sens, Ruediger
PA BASF A.-G., Germany
SO Ger. Offen., 11 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4335496	A1	19950420	DE 1993-4335496	19931019
	WO 9511278	A1	19950427	WO 1994-EP3330	19941010
	W: JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 724609	A1	19960807	EP 1994-928882	19941010
	R: CH, DE, FR, GB, IT, LI, NL				
	JP 09505331	T2	19970527	JP 1994-511265	19941010
	US 5696243	A	19971209	US 1996-628641	19960419
PRAI	DE 1993-4335496	19931019			
	WO 1994-EP3330	19941010			

L5 ANSWER 24 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 123:55865 MARPAT
TI Preparation and formulation of N-[(phenylureido)acetyl]thiazolidine-4-carboxylates and analogs as gastrin and CCK antagonists
IN Dubroeucq, Marie-Christine; Manfre, Franco
PA Rhone-Poulenc Rorer SA, Fr.
SO Fr. Demande, 59 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2700168	A1	19940708	FR 1993-76	19930107
	FR 2700168	B1	19950203		
	CA 2152184	AA	19940721	CA 1994-2152184	19940103
	WO 9415955	A1	19940721	WO 1994-FR7	19940103
	W: AU, CA, HU, JP, KR, NO, NZ, RU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9458351	A1	19940815	AU 1994-58351	19940103

	EP 679161	A1	19951102	EP 1994-904199	19940103
	EP 679161	B1	19980624		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	HU 73428	A2	19960729	HU 1995-2064	19940103
	JP 08507292	T2	19960806	JP 1994-515746	19940103
	AT 167681	E	19980715	AT 1994-904199	19940103
	ES 2119160	T3	19981001	ES 1994-904199	19940103
	ZA 9400079	A	19940811	ZA 1994-79	19940106
	US 5633270	A	19970527	US 1995-446745	19950606
	NO 9502687	A	19950905	NO 1995-2687	19950706
PRAI	FR 1993-76	19930107			
	WO 1994-FR7	19940103			

L5 ANSWER 25 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 123:9454 MARPAT
TI Preparation of 4-cyanophenyliminoheterocycles as herbicides.
IN Schallner, Otto; Andree, Roland; Drewes, Mark Wilhelm; Dollinger, Markus; Santel, Hans-Joachim
PA Bayer A.-G., Germany
SO Eur. Pat. Appl., 154 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 648772	A1	19950419	EP 1994-115645	19941005
	EP 648772	B1	20020904		
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
	DE 4335438	A1	19950420	DE 1993-4335438	19931018
	EP 1164128	A1	20011219	EP 2001-122556	19941005
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
	ES 2181697	T3	20030301	ES 1994-115645	19941005
	CA 2118191	AA	19950419	CA 1994-2118191	19941014
	JP 07188251	A2	19950725	JP 1994-276090	19941014
	BR 9404136	A	19951017	BR 1994-4136	19941017
	CN 1104215	A	19950628	CN 1994-117303	19941018
	CN 1048497	B	20000119		
	US 5756805	A	19980526	US 1996-738991	19961024
	CN 1183415	A	19980603	CN 1997-117829	19970820
	CN 1057765	B	20001025		
PRAI	DE 1993-4335438	19931018			
	EP 1994-115645	19941005			
	US 1994-321295	19941011			

L5 ANSWER 26 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 122:9676 MARPAT
TI Process for O-alkylation of carboxylic acids by organic carbonates.
IN Heuer, Lutz; Joentgen, Winfried; Klausener, Alexander
PA Bayer A.-G., Germany
SO Ger. Offen., 7 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	DE 4311424	A1	19941013	DE 1993-4311424	19930407
PRAI	DE 1993-4311424	19930407			
OS	CASREACT 122:9676				

L5 ANSWER 27 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 121:133976 MARPAT
TI Carboxylic Acid Derivatives and Their Uses as Pharmaceuticals
IN Himmelsbach, Frank; Linz, Guenter; Austel, Volkhard; Pieper, Helmut; Mueller, Thomas; Weisenberger, Johannes; Guth, Brian
PA Thomae, Dr. Karl, G.m.b.H., Germany
SO Ger. Offen., 24 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4241632	A1	19940616	DE 1992-4241632	19921210
	CA 2111035	AA	19940611	CA 1993-2111035	19931208
	EP 604800	A1	19940706	EP 1993-119786	19931208
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	FI 9305513	A	19940611	FI 1993-5513	19931209
	NO 9304501	A	19940613	NO 1993-4501	19931209
	JP 06239817	A2	19940830	JP 1993-308419	19931209
	ZA 9309230	A	19950609	ZA 1993-9230	19931209
	AU 9352306	A1	19940623	AU 1993-52306	19931210
	CN 1094035	A	19941026	CN 1993-120876	19931210
PRAI	DE 1992-4241632	19921210			

L5 ANSWER 28 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 121:9389 MARPAT
TI Preparation of isoxazoles derivatives and their use as herbicides
IN Cramp, Susan Mary; Smith, Philip Henry Gaunt
PA Rhone Poulenc Agriculture Ltd., UK
SO Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 588357	A1	19940323	EP 1993-114989	19930917
	EP 588357	B1	20020612		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	AU 9346250	A1	19940324	AU 1993-46250	19930908
	AU 666397	B2	19960208		
	CA 2105822	AA	19940319	CA 1993-2105822	19930909
	IL 106997	A1	19970610	IL 1993-106997	19930913
	BR 9303517	A	19940322	BR 1993-3517	19930916
	FI 9304089	A	19940319	FI 1993-4089	19930917
	ZA 9306867	A	19940411	ZA 1993-6867	19930917
	CN 1085219	A	19940413	CN 1993-117864	19930917
	CN 1045439	B	19991006		
	JP 06192015	A2	19940712	JP 1993-231546	19930917
	HU 68735	A2	19950728	HU 1993-2622	19930917

	US 5480857	A	19960102	US 1993-128605	19930917
	RU 2114842	C1	19980710	RU 1993-52688	19930917
	EP 1156048	A1	20011121	EP 2001-119705	19930917
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
	AT 219079	E	20020615	AT 1993-114989	19930917
	ES 2173877	T3	20021101	ES 1993-114989	19930917
PRAI	GB 1992-19779	19920918			
	EP 1993-114989	19930917			

L5 ANSWER 29 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 120:270094 MARPAT
TI Preparation of cyclic imino derivatives as cell aggregation inhibitors
IN Himmelsbach, Frank; Austel, Volkhard; Pieper, Helmut; Linz, Guenter; Weisenberger, Johannes; Mueller, Thomas
PA Thomae, Dr. Karl, G.m.b.H., Germany
SO Eur. Pat. Appl., 38 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 567966	A1	19931103	EP 1993-106724	19930426
	EP 567966	B1	19980902		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	DE 4213919	A1	19931104	DE 1992-4213919	19920428
	US 5576444	A	19961119	US 1993-53037	19930426
	AT 170509	E	19980915	AT 1993-106724	19930426
	ES 2121888	T3	19981216	ES 1993-106724	19930426
	CA 2095009	AA	19931029	CA 1993-2095009	19930427
	NO 9301526	A	19931029	NO 1993-1526	19930427
	NO 180045	B	19961028		
	NO 180045	C	19970205		
	JP 06073001	A2	19940315	JP 1993-99930	19930427
	JP 3315463	B2	20020819		
	HU 70039	A2	19950928	HU 1993-1222	19930427
	AU 9338222	A1	19931104	AU 1993-38222	19930428
	AU 662223	B2	19950824		
PRAI	DE 1992-4213919	19920428			

L5 ANSWER 30 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
AN 120:263859 MARPAT
TI Preparation of herbicidal benzene derivatives.
IN Patel, Kanu Maganbhai
PA du Pont de Nemours, E. I., and Co., USA
SO PCT Int. Appl., 163 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9405153	A1	19940317	WO 1993-US8096	19930902
	W: JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 659047	A1	19950628	EP 1993-921226	19930902
	R: DE, ES, FR, IT, PT				

JP 08501100 T2 19960206 JP 1994-507335 19930902
PRAI US 1992-942539 19920909
WO 1993-US8096 19930902

L5 ANSWER 31 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 120:30773 MARPAT
TI Oxadiazole derivatives having acetylcholinesterase-inhibitory and muscarinic receptor agonist activity
IN Takasugi, Hisashi; Kuno, Atsushi; Ohkubo, Mitsuru
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9313083	A1	19930708	WO 1992-JP1658	19921218
W: AU, CA, HU, JP, KR, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9331714	A1	19930728	AU 1993-31714	19921218
EP 619814	A1	19941019	EP 1993-900416	19921218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 07502529	T2	19950316	JP 1992-511547	19921218
US 5622976	A	19970422	US 1994-244904	19940624
PRAI GB 1991-27533	19911231			
GB 1992-20904	19921005			
WO 1992-JP1658	19921218			

L5 ANSWER 32 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 119:159751 MARPAT
TI Preparation of 2-(oximinoalkyl)cyclohexane-1,3-diones as synergistic herbicides
IN Kast, Juergen; Meyer, Norbert; Misslitz, Ulf; Bratz, Matthias; Walter, Helmut; Rademacher, Wilhelm; Landes, Andreas; Kckemie, Tom; Carlson, Dale
PA BASF A.-G., Germany
SO Ger. Offen., 33 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4222261	A1	19930609	DE 1992-4222261	19920707
PRAI US 1991-790277	19911107			

L5 ANSWER 33 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 119:138789 MARPAT
TI Preparation of 2-aralkoximinoalkyl-3-hydroxy-2-cyclohexenones and analogs as herbicides and benzothiophene antidotes for them
IN Hagen, Helmut; Nilz, Gerhard; Roetsch, Thomas; Walter, Helmut; Landes, Andreas
PA BASF A.-G., Germany
SO Ger. Offen., 76 pp.
CODEN: GWXXBX

DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4126999	A1	19930218	DE 1991-4126999	19910816
	WO 9304057	A2	19930304	WO 1992-EP1798	19920807
	WO 9304057	A3	19930722		
	W: CA, HU, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
	EP 599906	A1	19940608	EP 1992-917128	19920807
	EP 599906	B1	19970115		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL				
	JP 06510029	T2	19941110	JP 1992-504062	19920807
	HU 67251	A2	19950328	HU 1994-429	19920807
	AT 147740	E	19970215	AT 1992-917128	19920807
	US 5491123	A	19960213	US 1994-193073	19940204
PRAI	DE 1991-4126999	19910816			
	WO 1992-EP1798	19920807			

L5 ANSWER 34 OF 34 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITs ARE ITERATION INCOMPLETES)
AN 116:13416 MARPAT
TI Pressure- and heat-sensitive recording materials with good sensitivity, storability and image stability
IN Sano, Masajiro; Takashima, Masanobu; Satomura, Masato
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03142277	A2	19910618	JP 1989-282319	19891030
PRAI	JP 1989-282319	19891030			

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L2 14 S L1 SSS FULL

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S L1

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FILE 'CAOLD' ENTERED AT 08:47:10 ON 25 AUG 2003
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L5 34 S L1 SSS FULL

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   138.79     436.10

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  substance identification.


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L6            3 L2

=> s l5
L7           34 L5

=> s l6 and l7
L8            1 L6 AND L7

=> d l6 fbib hitstr abs total

L6   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2003 ACS on STN
AN   2001:758465  CAPLUS
DN   136:47984
TI   Discovery of Novel p-Arylthio Cinnamides as Antagonists of Leukocyte
     Function-Associated Antigen-1/Intercellular Adhesion Molecule-1
     Interaction. 4. Structure-Activity Relationship of Substituents on the
     Benzene Ring of the Cinnamide
AU   Winn, Martin; Reilly, Edward B.; Liu, Gang; Huth, Jeffrey R.; Jae,
     Hwan-Soo; Freeman, Jennifer; Pei, Zhonghua; Xin, Zhili; Lynch, John;
     Kester, Jeff; von Geldern, Thomas W.; Leitza, Sandra; DeVries, Peter;
     Dickinson, Robert; Mussatto, Donna; Okasinski, Gregory F.
CS   Metabolic Disease Research Pharmaceutical Products Division, Abbott
     Laboratories, Abbott Park, IL, 60064-6098, USA
SO   Journal of Medicinal Chemistry (2001), 44(25), 4393-4403
     CODEN: JMCMAR; ISSN: 0022-2623
PB   American Chemical Society
DT   Journal
LA   English
IT   381229-53-4
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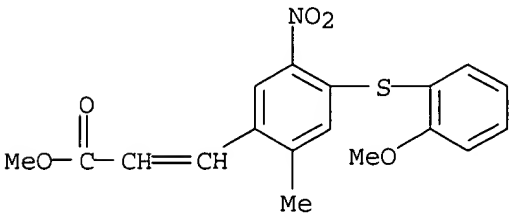
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. and structure-activity relationships of p-arylthio cinnamides as antagonists of LFA-1/ICAM-1)

RN 381229-53-4 CAPLUS

CN 2-Propenoic acid, 3-[4-[(2-methoxyphenyl)thio]-2-methyl-5-nitrophenyl]-, methyl ester (9CI) (CA INDEX NAME)

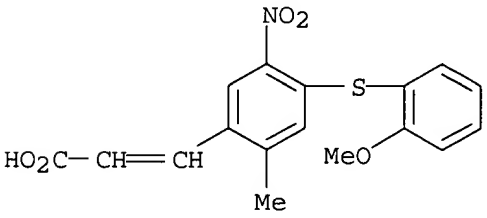


IT **381229-52-3P 381229-54-5P 381229-55-6P 381229-56-7P 381229-79-4P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and structure-activity relationships of p-arylthio cinnamides as antagonists of LFA-1/ICAM-1)

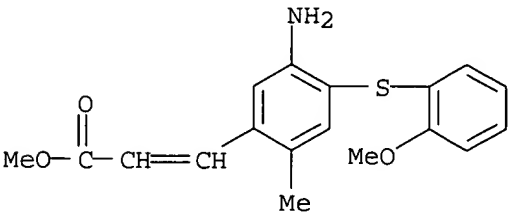
RN 381229-52-3 CAPLUS

CN 2-Propenoic acid, 3-[4-[(2-methoxyphenyl)thio]-2-methyl-5-nitrophenyl]- (9CI) (CA INDEX NAME)



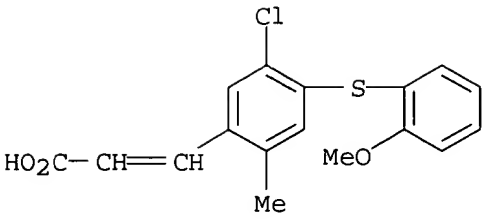
RN 381229-54-5 CAPLUS

CN 2-Propenoic acid, 3-[5-amino-4-[(2-methoxyphenyl)thio]-2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)

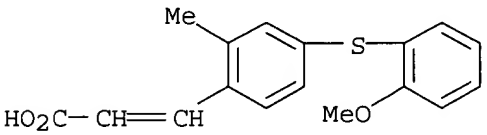


RN 381229-55-6 CAPLUS

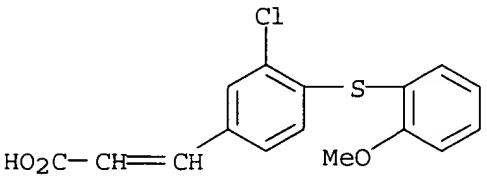
CN 2-Propenoic acid, 3-[5-chloro-4-[(2-methoxyphenyl)thio]-2-methylphenyl]- (9CI) (CA INDEX NAME)



RN 381229-56-7 CAPLUS
CN 2-Propenoic acid, 3-[4-[(2-methoxyphenyl)thio]-2-methylphenyl]- (9CI) (CA INDEX NAME)



RN 381229-79-4 CAPLUS
CN 2-Propenoic acid, 3-[3-chloro-4-[(2-methoxyphenyl)thio]phenyl]- (9CI) (CA INDEX NAME)



AB We have shown that p-arylthio cinnamides can inhibit the interaction of LFA-1 and ICAM-1, which is involved in cell adhesion and the inflammatory process. We now show that 2,3-disubstitution on the aryl portion of the cinnamide results in enhanced activity over mono substitution on the ring. The best 2,3-substituents were chlorine and trifluoromethyl groups. Compds. 39 and 40 which contain two CF3 groups have IC50 values of 0.5 and 0.1 nM, resp., in inhibiting JY8 cells expressing LFA-1 on their surface, from adhering to ICAM-1. The structure-activity relation (SAR) was examd. using an NMR based model of the LFA-1 I domain/compd. 31 complex. One of our compds. (38) was able to reduce cell migration in two different in vivo expts.

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:725609 CAPLUS
DN 133:296281
TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn, Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae,

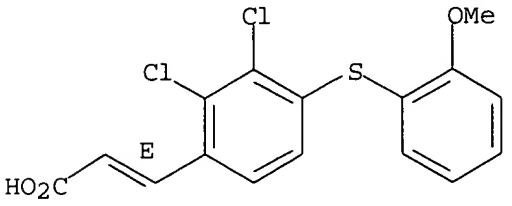
Hwan-soo; Lynch, John K.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 476 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000059880	A1	20001012	WO 2000-US8895	20000403
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			US 2000-541795 A	20000331
EP 1165505	A1	20020102	EP 2000-921654	20000403
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			WO 2000-US8895 W	20000403
BR 2000009426	A	20020409	BR 2000-9426	20000403
			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			US 2000-541795 A	20000331
			WO 2000-US8895 W	20000403
EE 200100513	A	20021216	EE 2001-513	20000403
			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			US 2000-541795 A	20000331
			WO 2000-US8895 W	20000403
NO 2001004767	A	20011130	NO 2001-4767	20011001
			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			WO 2000-US8895 W	20000403
BG 106029	A	20020531	BG 2001-106029	20011018
			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			US 2000-541795 A	20000331
			WO 2000-US8895 W	20000403
HR 2001000776	A1	20021231	HR 2001-776	20011023
			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			US 2000-541795 A	20000331
			WO 2000-US8895 W	20000403

OS MARPAT 133:296281
IT **280752-98-9**
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)

RN 280752-98-9 CAPLUS
CN 2-Propenoic acid, 3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-, (2E)- (9CI) (CA INDEX NAME)

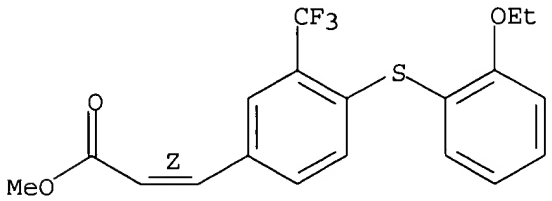
Double bond geometry as shown.



IT **280752-72-9P 301179-73-7P 301179-75-9P**, 2,3-Dichloro-4-(2-methoxyphenylthio)cinnamic acid **301179-87-3P 301179-93-1P 301179-94-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)

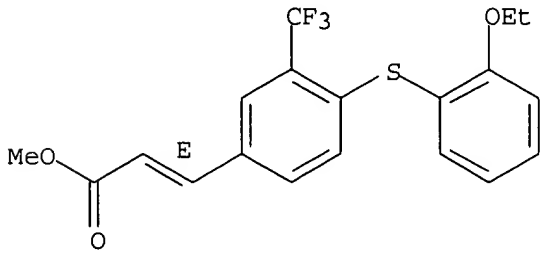
RN 280752-72-9 CAPLUS
CN 2-Propenoic acid, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-, methyl ester, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

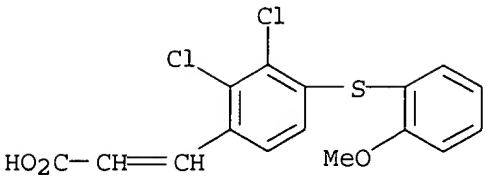


RN 301179-73-7 CAPLUS
CN 2-Propenoic acid, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-, methyl ester, (2E)- (9CI) (CA INDEX NAME)

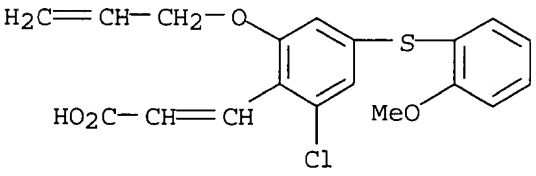
Double bond geometry as shown.



RN 301179-75-9 CAPLUS
CN 2-Propenoic acid, 3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]- (9CI) (CA INDEX NAME)

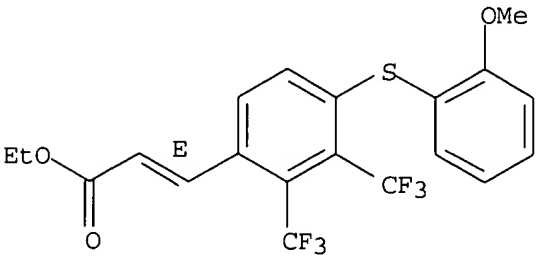


RN 301179-87-3 CAPLUS
CN 2-Propenoic acid, 3-[2-chloro-4-[(2-methoxyphenyl)thio]-6-(2-propenyloxy)phenyl]- (9CI) (CA INDEX NAME)



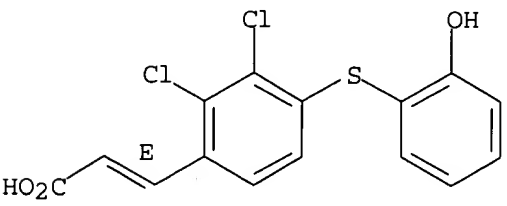
RN 301179-93-1 CAPLUS
CN 2-Propenoic acid, 3-[4-[(2-methoxyphenyl)thio]-2,3-bis(trifluoromethyl)phenyl]-, ethyl ester, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

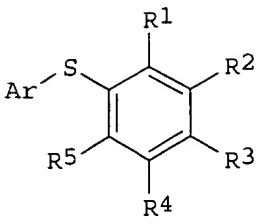


RN 301179-94-2 CAPLUS
CN 2-Propenoic acid, 3-[2,3-dichloro-4-[(2-hydroxyphenyl)thio]phenyl]-, (2E)- (9CI) (CA INDEX NAME)

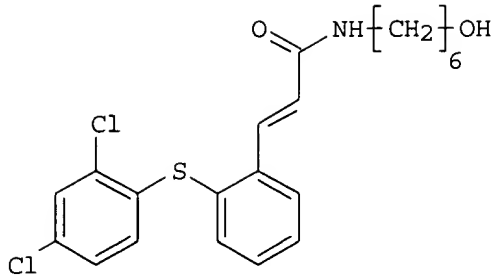
Double bond geometry as shown.



GI



I



II

AB The title compds. (I) [wherein R1-R5 = independently H, halo, (halo)alkyl, alkoxy, cyano, NO2, CHO, and least one of R1 or R3 is an (un)substituted cis- or trans-cinnamide; Ar = (un)substituted (hetero)aryl] were prepd. as cell adhesion inhibitors for the treatment of inflammatory and immune diseases. Examples include syntheses for 443 invention compds. and data for 3 bioassays. For instance, a mixt. of 2-[(2,4-dichlorophenyl)thio]benzaldehyde (prepn. given), malonic acid, piperidine in anhyd. pyridine was heated at 110.degree.C for 2 h and then treated with aq. HCl to give trans-2-[(2,4-dichlorophenyl)thio]cinnamic acid (91%). Conversion to the acid chloride followed by amidation with 6-amino-1-hexanol gave (E)-II (90%). In an integrin LFA-1/ICAM-1 biochem. interaction assay, I demonstrated inhibition at 4 .mu.M. In cell-based adhesion assays which measure the ability of test compds. to block adherence of JY-8 cells (a human EBV-transformed B cell line expressing LFA-1 on its surface) to immobilized ICAM-1 or ICAM-3, I exhibited blocking activity at 4 .mu.M and 0.6 .mu.M, resp.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:457022 CAPLUS
DN 133:89514
TI Cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Tom; Winn, Martin; Xin, Zhili; Boyd, Steven A.; Jae, Hwan-Soo; Lynch, John K.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 400 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000039081	A2	20000706	WO 1999-US31162	19991229
	WO 2000039081	A3	20010525		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

				US 1998-222491 A 19981229
US 6110922	A	20000829	US 1998-222491	19981229
CA 2356320	AA	20000706	CA 1999-2356320	19991229
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
EP 1140814	A2	20011010	EP 1999-966709	19991229
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
JP 2002533434	T2	20021008	JP 2000-590994	19991229
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
EE 200100355	A	20021015	EE 2001-355	19991229
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
NO 2001003241	A	20010828	NO 2001-3241	20010628
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
HR 2001000512	A1	20020831	HR 2001-512	20010710
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229
BG 105732	A	20020228	BG 2001-105732	20010725
			US 1998-222491 A	19981229
			WO 1999-US31162W	19991229

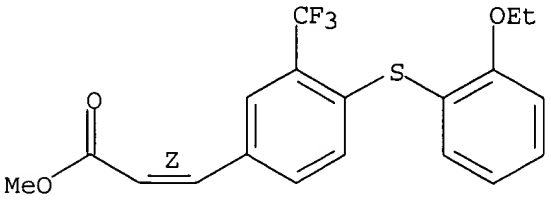
OS MARPAT 133:89514

IT **280752-72-9P 280752-98-9P**, 2,3-Dichloro-4-(2-methoxyphenylthio)cinnamic acid **280753-13-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of N-(hetaryl)(arylthio)cinnamamides with antiinflammatory, immune suppressant and cell adhesion inhibiting activity)

RN 280752-72-9 CAPLUS

CN 2-Propenoic acid, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-, methyl ester, (2Z)- (9CI) (CA INDEX NAME)

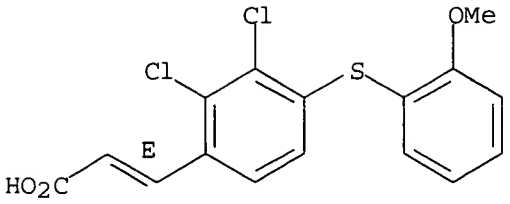
Double bond geometry as shown.



RN 280752-98-9 CAPLUS

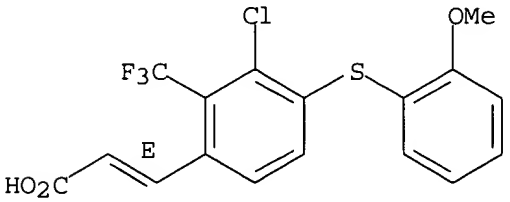
CN 2-Propenoic acid, 3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 280753-13-1 CAPLUS
CN 2-Propenoic acid, 3-[3-chloro-4-[(2-methoxyphenyl)thio]-2-(trifluoromethyl)phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



AB The present invention relates to novel cinnamide compds. that are useful for treating inflammatory and immune diseases, to pharmaceutical compns. contg. these compds., and to methods of inhibiting inflammation or suppressing immune response in a mammal. Among the approx. 400 trans-arylthiocinnamamide title compds., prepd. by std. methods, were 6-benzodioxanyl 2-trifluoromethyl-4-[(E)-2-[3-(R)-(ethoxycarbonyl)piperidinocarbonyl]ethenyl]phenyl sulfide (I), 2-ethoxyphenyl 2-trifluoromethyl-4-[(E)-2-[2-carboxy-4-(methoxycarbonyl)-1-piperazinylcarbonyl]ethenyl]phenyl sulfide (II) and 2-isopropylphenyl 2-nitro-4-[(E)-2-[3-(2-oxo-1-pyrrolidinyl)-1-propylaminocarbonyl]ethenyl]phenyl sulfide (III). The abilities of the title compds. to antagonize the interaction between ICAM-1 and LFA-1 were quantified using both biochem. and cell-based adhesion assays. E.g., compds. I-III exhibited 98% inhibition @ 4.mu.M.

=> d l7 fbib hitstr abs total

L7 ANSWER 1 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:454275 CAPLUS
DN **139:36349**
TI Preparation of arylalkyl-urea/carbamates for treatment of inflammation, diabetes and related disorders
IN Neogi, Partha; Dey, Debendranath; Li, Ta-Kai; Fuller, Joseph; Chen, Liang
PA Calyx Therapeutics Inc., USA
SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003048108	A2	20030612	WO 2002-US38150	20021127

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2001-334818PP 20011129

OS MARPAT 139:36349
GI

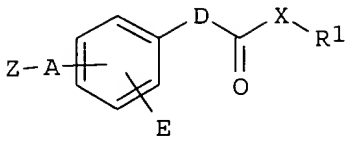
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [R1-7 = H, alkyl, chloroalkyl, alkenyl, etc.; R8-9 = H, alkyl, alkenyl, heteroaryl, etc.; R10-12 = H, alkyl, alkenyl, aryl, heteroaryl, etc.; X = O, N, S0-2,etc.; Y = O, S, NH; Z = alkoxy, alkyl, chloroalkyl, etc.] and related analogs are prepd. For instance, 3-[3,5-dimethoxyphenyl]-2-[4-hydroxyphenyl]acrylic acid (prepn. given) is reacted with 4-fluorobenzaldehyde (DMSO, KOBu-t, 100.degree., 5 h), the resulting aldehyde is reacted with triethylphosphonoacetate (THF, NaH), the disubstituted olefin is then selectively reduced (EtOH-dioxane, H2-Raney Ni), the ester reacted with urea (EtOH, NaOEt) and finally esterified to give II. A selected example compd. has IC50 < 1 .mu.M for PDE4 and IC50 = 13.6 .mu.M for PDE3 and inhibits LPS-induced phosphorylation of p44/42 MAP kinase at 30 .mu.M. I are effective inhibiting the cytokine-mediated inflammatory response in cultured cells, in ameliorating bone destruction, in an animal model of arthritis and in lowering blood glucose levels in animal models of Type II diabetes mellitus. I are also useful for a variety of treatments including the treatment of diabetes mellitus, insulin resistance, inflammation, inflammatory diseases, immunol. diseases and cancer.

L7 ANSWER 2 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:315967 CAPLUS
DN **138:287410**
TI Preparation of 3-phenylacrylamides and analogs as inhibitors of cyclooxygenase II
IN Mauleon Casellas, David; Garcia Perez, Luisa; Palomer Benet, Albert; Pascual Avellana, Jaime
PA Laboratorios Menarini, S.A., Spain
SO Span., 27 pp.
CODEN: SPXXAD
DT Patent
LA Spanish
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ES 2164564	A1	20020216	ES 1999-2287	19991018
	ES 2164564	B1	20030216		
				ES 1999-2287	19991018

OS MARPAT 138:287410
GI



I

AB Carboxylic acids, amides and esters I [D = (alkyl)eth(en)ylene or ethynylene; A = CO, O, S, NH; X = NH or alkylimino; E = halo, alk(en)(yn)yl, cycloalkyl, cycloalkylalkyl, arylalkyl, haloalkyl, acyl, etc.; Z = (un)substituted Ph, pyridyl, furyl or thienyl; R1 = H, alkyl or phenylalkyl] or their pharmaceutically-acceptable salts were prepd. as inhibitors of cyclooxygenase II for treatment of inflammation, pain, fever, colorectal cancer, and Alzheimer's disease. Thus, 3-(3-benzoyl-5-ethyl)acrylamide was prepd. by a multistep sequence starting from Me 5-aminoisophthalate and involving reaction of 3-bromo-5-ethylbenzophenone with acrylamide in the final step.

L7 ANSWER 3 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:150646 CAPLUS
DN **138:195820**
TI Rinse-processing composition for processing silver halide color photographic material, processing apparatus and processing method
IN Seki, Hioyuki
PA Fuji Photo Film Co., Ltd., Japan
SO Eur. Pat. Appl., 55 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1286214	A1	20030226	EP 2002-18919	20020823
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
			JP 2001-253095 A	20010823
CN 1407400	A	20030402	CN 2002-130116	20020822
			JP 2001-253095 A	20010823
JP 2003140312	A2	20030514	JP 2002-243599	20020823
			JP 2001-253095 A	20010823

OS MARPAT 138:195820
AB A rinse-processing compn. of the present invention comprises a compd. represented by R-(OC2H4)n-OH, (R = C8-13 alkyl; n = 10-30), but comprises neither aldehyde compds. nor hexamethylenetetramine derivs. The present invention relates to a processing method and a processing app. using such a rinse-processing compn.
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:709196 CAPLUS
DN **137:239851**
TI Electrophoretic displays using improved dispersants
IN Obikawa, Takeshi; Katase, Makoto; Kinoshita, Satoshi; Uehara, Masamitsu
PA Seiko Epson Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002268097	A2	20020918	JP 2001-70371	20010313
	US 2002175891	A1	20021128	US 2002-97361	20020312
				JP 2001-70371 A	20010313
				JP 2001-70372 A	20010313

PATENT FAMILY INFORMATION:
FAN 2002:709197

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002268098	A2	20020918	JP 2001-70372	20010313
	US 2002175891	A1	20021128	US 2002-97361	20020312
				JP 2001-70371 A	20010313
				JP 2001-70372 A	20010313

OS MARPAT 137:239851
AB The displays use org. compds. having .gtoreq.2 rings in structures in dispersants for electrophoretic particles. The displays have improved reliability and response speed.

L7 ANSWER 5 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:487570 CAPLUS
DN **137:63117**
TI Preparation of streptogramin derivatives, and compositions containing them as antibacterial agents
IN Desmazeau, Pascal; Ronan, Baptiste; Bacque, Eric; Barriere, Jean-Claude
PA Aventis Pharma S.A., Fr.
SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002050083	A1	20020627	WO 2001-FR4061	20011219
	W: JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
				FR 2000-16803 A	20001221
	FR 2818644	A1	20020628	FR 2000-16803	20001221
	US 2002143041	A1	20021003	US 2001-24186	20011221
	US 6596717	B2	20030722		
				FR 2000-16803 A	20001221
				US 2001-262645PP	20010122

OS CASREACT 137:63117; MARPAT 137:63117
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention concerns group A streptogramin derivs. I [R1 = linear or branched C1-6-alkyl, C3-6-alkenyl or C3-6-alkynyl which may be

mono-fluorinated or poly-fluorinated, C3-6-cycloalkyl, phenylmethyl, arom. heterocyclylmethyl; R2 = H, Me, Et; the dashed bond = a single bond (stereochem. 27R) or a double bond] and their pharmaceutically acceptable salts or their mixt. with group B derivs. and their prepn. characterized by direct alkylation of I (R1 = H) with R1X (X = halogen, OSO2Me, OSO2C6H4Me-4, OSO2CF3) in the presence of a phase transfer agent or from macrolide II (R3 = BOC or other protective group; R4 = H, R1). Thus, I (R1 = R2 = Me) was prepd. from I (R1 = H, R2 = Me) via redn. with NaBH4 in CH2Cl2 followed by alkylation with MeI in aq. CH2Cl2 contg. NaOH and catalytic Bu4NBr. Derivs. I are particularly interesting antibacterial agents. Streptogramin derivs. I were tested in vitro [DC50 = 0.06 - 32 .mu.g/mL, alone or in combination with type B derivs.] and in vivo [DC50 = 32 - 150 mg/kg orally in mice].

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:429215 CAPLUS
DN **137:13339**
TI Homeotropic alignment layer for liquid crystal display
IN Heckmeier, Michael; Klasen-Memmer, Melanie; Luessem, Georg; Tarumi, Kazuaki; Coates, David; Parri, Owain Llyr; Verrall, Mark Andrew
PA Merck Patent Gmbh, Germany
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002044801	A2	20020606	WO 2001-EP13584	20011122
WO 2002044801	A3	20020801		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

			EP 2000-125235 A	20001123
AU 2002033193	A5	20020611	AU 2002-33193	20011122
			EP 2000-125235 A	20001123
			WO 2001-EP13584W	20011122

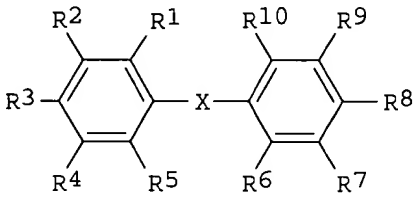
OS MARPAT 137:13339
AB The invention relates to an alignment layer comprising a polymd. liq. crystal material with homeotropic orientation, to methods of its prepn., to polymerizable liq. crystal compns. and liq. crystal polymers used for the prepn. of the alignment layer, to liq. crystal devices comprising the alignment layer, and to a method of controlling the electrooptical steepness of a liq. crystal display comprising at least one alignment layer by varying the surface anchoring energy of the alignment layer. The alignment layer of homeotropic liq. crystal polymd. material of the present invention exhibits particularly high surface anchoring energy and yields strong homeotropic alignment in a liq. crystal medium. The inventive alignment layer induces improved vertical or homeotropic alignment in a liq. crystal display medium.

L7 ANSWER 7 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:850646 CAPLUS
DN **135:371527**
TI Preparation of bisacylguanidine with cardioprotective activity
IN Gericke, Rolf; Beier, Norbert
PA Merck Patent G.m.b.H., Germany
SO Ger. Offen., 12 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10024319	A1	20011122	DE 2000-10024319	20000517
WO 2001087829	A1	20011122	WO 2001-EP4425	20010419

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
DE 2000-10024319A 20000517

OS CASREACT 135:371527; MARPAT 135:371527
GI



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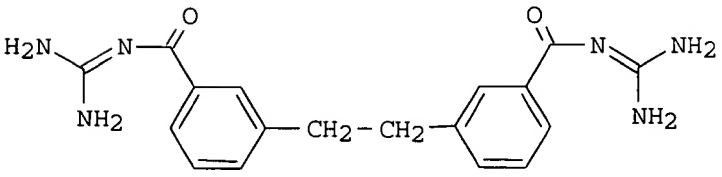


II

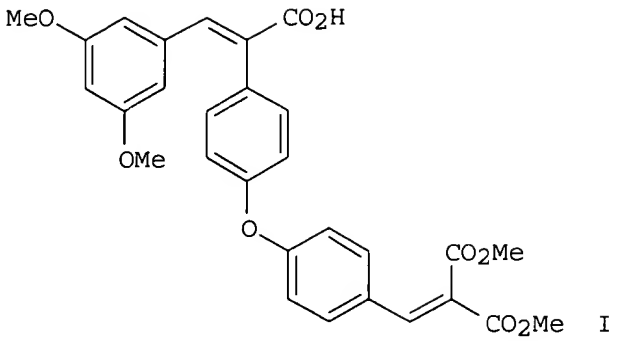
AB Bisacylguanidines I [one of R1, R2, R3, R4 or R5 = CON:C(NH2)2, CH:CMeCON:C(NH2)2 and one of R6, R7, R8, R9 or R10 = CON:C(NH2)2, CH:CMeCON:C(NH2)2; the other R1 - R10 = H, A, CH, F, Cl, Br, I, SA, OA, SO2A, OH, NH2, NHA, NA2, COA, (un)substituted Ph, CH2Ph, OPh, N-, S-, O-contg. heterocycle; X = S, SO2, (CH2)n, CO,O, OCH2; A = C1-8-alkyl; n =

1 - 3] and their physiol. harmless salts and/or solvates, with cardioprotective characteristics and works as inhibitors of the cellular Na+/H+ antiporters of the Subtyp 1 are described. Thus, N-{3-[2-(3-guanidinocarbonylphenyl)ethyl]benzoyl}guanidine dihydrochloride (II.cntdot.HCl), was prepd. from 3-[2-(3-carboxyphenyl)ethyl]benzoic acid and Boc-guanidine in 1-methyl-2-pyrrolidone contg. 2-chloro-1-methylpyridinium iodide and Et2NCHMe2, followed by hydrolysis with aq. HCl. Formulations for use in injections, suppositories, solns., tablets, capsules and ampules are given.

L7 ANSWER 8 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:359750 CAPLUS
DN **134:348284**
TI Phenyl compounds to treat diabetes and associated conditions
IN Neogi, Partha; Nag, Bishwajit; Lakner, Frederick J.; Dey, Debendranath; Medicherla, Satyanarayana
PA Calyx Therapeutics, Inc., USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001034094	A2	20010517	WO 2000-US30927	20001108
	WO 2001034094	C2	20020725		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 1999-436047 A	19991108
	US 6525093	B1	20030225	US 1999-436047	19991108
	AU 2001017607	A5	20010606	AU 2001-17607	20001108
				US 1999-436047 A	19991108
				WO 2000-US30927W	20001108
	EP 1235785	A2	20020904	EP 2000-980331	20001108
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				US 1999-436047 A	19991108
				WO 2000-US30927W	20001108
	US 2002107285	A1	20020808	US 2002-75442	20020215
				US 1999-436047 A3	19991108

OS MARPAT 134:348284
GI



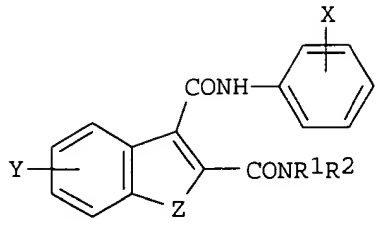
I

AB Ph compds. (Markush included) are provided that lower blood glucose concns., lower serum triglyceride concns., lower systolic blood pressure, and increase glucose uptake by adipose tissue, but do not affect the expression of PPAR-.gamma. by adipose tissue. Compds. of the invention include e.g. I.

L7 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:18947 CAPLUS
DN **134:86151**
TI Preparation of indole-2,3-dicarboxamides, benzothiophene-2,3-carboxamides, and benzofuran-2,3-carboxamides as herbicides
IN Katsuhira, Takeshi; Harayama, Hiroto; Oda, Yoshiki; Murata, Shinji; Takaishi, Hideo
PA Nihon Nohyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001002642	A2	20010109	JP 1999-174118	19990621
				JP 1999-174118	19990621

OS MARPAT 134:86151
GI



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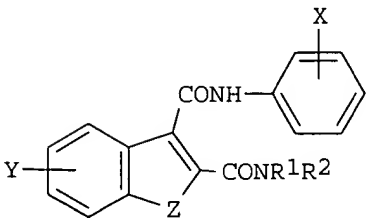


II

AB The title compds. [I and II; R1 = H, C1-8 alkyl; R2 = C1-8 (halo)alkyl, C1-8 alkoxy, optionally halo-substituted C3-8 cycloalkyl, C3-8 cycloalkyl-C1-6 alkyl, C1-8 alkoxy-C1-6 alkyl, C1-8 alkylthio-C1-6 alkyl, C1-8 alkoxycarbonyl-C1-6 alkyl, (un)substituted phenyl-C1-6 alkyl, aminoalkyl, mono- or di(C1-8 alkyl)amino-C1-6 alkyl, phenyl-C1-6 alkoxy, (un)substituted heterocyclyl having .gtoreq.1 hetero atoms selected from O, S, and N; X = H, halo, NO2, cyano, C1-8 alkyl, halo-C1-8 alkyl, .gtoreq.1 halo-substituted C3-8 cycloalkyl, C3-8 cycloalkyl-C1-6 alkyl, C1-8 alkoxy, halo-C1-8 alkyl, C1-8 alkylthio, etc.; Y = H,halo, NO2, cyano, C1-8 alkyl, halo-C1-8 alkyl, C3-8 cycloalkyl, .gtoreq.1 halo-substituted C3-8 cycloalkyl, C3-8 cycloalkyl-C1-6 alkyl, C1-8 alkoxy, halo-C1-8 alkoxy, C1-8 alkylthio, halo-C1-8 alkylthio, C1-8 alkylsulfinyl, etc.; Z = O, S, (un)substituted NH] are prepd. These compds. are effective for controlling annual or perennial weeds by post or preemergent application in rice paddy, uplands, and orchards. Thus, 1-methylindole-2,3-dicarboxylic acid and trifluoroacetic anhydride were refluxed in CH2Cl2 for 3 h to give, after evapg. the solvent in vacuo, crude 1-methylindole-2,3-dicarboxylic anhydride. The latter compd. was stirred with 3-chloro-2,6-diethylaniline in THF at room temp. for 3 h and refluxed for 2 h, followed by evapg. the solvent in vacuo and adding CF3CO2H and trifluoroacetic anhydride, and the resulting mixt. was refluxed with stirring for 3 h to give N-(3-chloro-2,6-diethylphenyl)-1-methyl-2,3-indoledicarboximide. The latter compd. was dissolved in dioxane and stirred with n-propylamine at room temp. for 12 h to give 26% 3-(3-chloro-2,6-diethylphenyl)aminocarbonyl-1-methyl-N-propyl-2-indolecarboxamide and 19% 2-(3-chloro-2,6-diethylphenyl)aminocarbonyl-1-methyl-N-propyl-3-indolecarboxamide (II). II at 5 kg/ha (preemergent application) controlled 100% Echinochloa crus-galli and Scirpus juncoides.

L7 ANSWER 10 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:725609 CAPLUS
DN **133:296281**
TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting

antiinflammatory and immune-suppressive compounds

IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn, Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae, Hwan-soo; Lynch, John K.

PA Abbott Laboratories, USA

SO PCT Int. Appl., 476 pp.
CODEN: PIXXD2

DT Patent

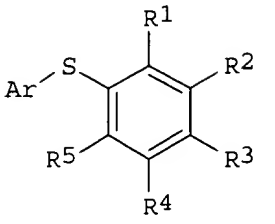
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059880	A1	20001012	WO 2000-US8895	20000403
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
	EP 1165505	A1	20020102	EP 2000-921654	20000403
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				WO 2000-US8895 W	20000403
	BR 2000009426	A	20020409	BR 2000-9426	20000403
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
				WO 2000-US8895 W	20000403
	EE 200100513	A	20021216	EE 2001-513	20000403
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
				WO 2000-US8895 W	20000403
	NO 2001004767	A	20011130	NO 2001-4767	20011001
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				WO 2000-US8895 W	20000403
	BG 106029	A	20020531	BG 2001-106029	20011018
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
				WO 2000-US8895 W	20000403
	HR 2001000776	A1	20021231	HR 2001-776	20011023
				US 1999-286645 A	19990402
				US 1999-474517 A	19991229
				US 2000-541795 A	20000331
				WO 2000-US8895 W	20000403

OS MARPAT 133:296281

GI



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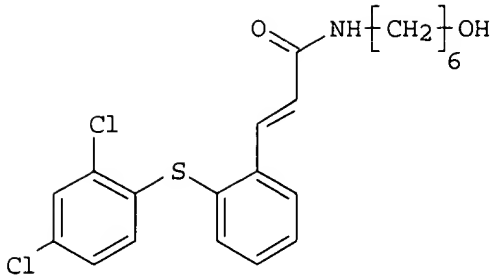

II

AB The title compds. (I) [wherein R1-R5 = independently H, halo, (halo)alkyl, alkoxy, cyano, NO2, CHO, and least one of R1 or R3 is an (un)substituted cis- or trans-cinnamide; Ar = (un)substituted (hetero)aryl] were prepd. as cell adhesion inhibitors for the treatment of inflammatory and immune diseases. Examples include syntheses for 443 invention compds. and data for 3 bioassays. For instance, a mixt. of 2-[(2,4-dichlorophenyl)thio]benzaldehyde (prepn. given), malonic acid, piperidine in anhyd. pyridine was heated at 110.degree.C for 2 h and then treated with aq. HCl to give trans-2-[(2,4-dichlorophenyl)thio]cinnamic acid (91%). Conversion to the acid chloride followed by amidation with 6-amino-1-hexanol gave (E)-II (90%). In an integrin LFA-1/ICAM-1 biochem. interaction assay, I demonstrated inhibition at 4 .mu.M. In cell-based adhesion assays which measure the ability of test compds. to block adherence of JY-8 cells (a human EBV-transformed B cell line expressing LFA-1 on its surface) to immobilized ICAM-1 or ICAM-3, I exhibited blocking activity at 4 .mu.M and 0.6 .mu.M, resp.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:704991 CAPLUS
DN **131:322420**
TI Substituted phenyl compounds and derivatives thereof that modulate the activity of endothelin
IN Chan, Ming Fai; Balaji, Vitukudi Narayanaiyengar; Castillo, Rosario Silvestre; Kois, Adam; Raju, Bore Gowda; Wu, Chengde
PA Texas Biotechnology Corporation, USA
SO U.S., 45 pp., Cont.-in-part of U.S. Ser. No. 583,871, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5977117	A	19991102	US 1996-590139	19960123
				US 1996-583871 B2	19960105
	WO 9725321	A2	19970717	WO 1997-US366	19970103
	WO 9725321	A3	19970912		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

			US 1996-583871 A	19960105
			US 1996-590139 A	19960123
AU 9715324	A1	19970801	AU 1997-15324	19970103
			US 1996-583871 A	19960105
			US 1996-590139 A	19960123
			WO 1997-US366 W	19970103
EP 876364	A2	19981111	EP 1997-901420	19970103

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI

			US 1996-583871 A	19960105
			US 1996-590139 A	19960123
			WO 1997-US366 W	19970103
US 6265428	B1	20010724	US 1999-327661	19990608
			US 1996-583871 B2	19960105
			US 1996-590139 A1	19960123
US 2001014694	A1	20010816	US 2001-808771	20010314
			US 1996-583871 B2	19960105
			US 1996-590139 A1	19960123
			US 1999-327661 A1	19990608

PATENT FAMILY INFORMATION:

FAN 1997:564939

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9725321	A2	19970717	WO 1997-US366	19970103
	WO 9725321	A3	19970912		

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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

			US 1996-583871 A	19960105
			US 1996-590139 A	19960123
US 5977117	A	19991102	US 1996-590139	19960123
			US 1996-583871 B2	19960105
AU 9715324	A1	19970801	AU 1997-15324	19970103
			US 1996-583871 A	19960105
			US 1996-590139 A	19960123
			WO 1997-US366 W	19970103
EP 876364	A2	19981111	EP 1997-901420	19970103

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI

		US 1996-583871 A	19960105
		US 1996-590139 A	19960123
		WO 1997-US366 W	19970103

OS MARPAT 131:322420

GI

$Ar^1-X-Ar^3-Y-Ar^1$ I

AB Methods, compns., and compds. for modulating the activity of an endothelin peptide are provided. The methods use compns. that contain carboxylic acid compds. I (X and Y are selected from groups that include O, S, and NH; and Ar1, Ar2 and Ar3 are independently selected from substituted or unsubstituted groups that include 5 to 6 membered aryl groups and heteroaryl groups that contain one or two heteroatom(s)). Twenty-seven compds. were prepd. and claimed. For example, 2-[3,4-(methylenedioxy)phenoxy]-6-(4-methylphenoxy)benzoic acid was prepd. in 33 % yield by t he reaction of Na 4-methylphenoxide with Et 2-fluoro-6-[3,4-(methylenedioxy)phenoxy]benzoate followed by deesterification or 4,6-diphenoxy-2-(methylthio)pyrimidine-5-carboxylic acid was prepd. in 71 % yield by the reaction of 4,6-diphenoxy-2-(methylthio)pyrimidine with BuLi and dry ice. The activity of endothelin receptors are modulated by contacting with one or more of the compds. or with compns. contg. one or more of the compds. prior to, simultaneously with, or subsequent to contacting the receptors with an endothelin peptide.

RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:566069 CAPLUS
DN **131:185250**
TI Preparation of Streptogramin derivatives as antimicrobial agents
IN Desmazeau, Pascal; Doerflinger, Gilles; Ribeill, Yves; Bacque, Eric; Barriere, Jean-claude; Dutruc-rosset, Gilles; Puchault, Gerard
PA Rhone-Poulenc Rorer S.A., Fr.
SO PCT Int. Appl., 202 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9943699	A1	19990902	WO 1999-FR409	19990224
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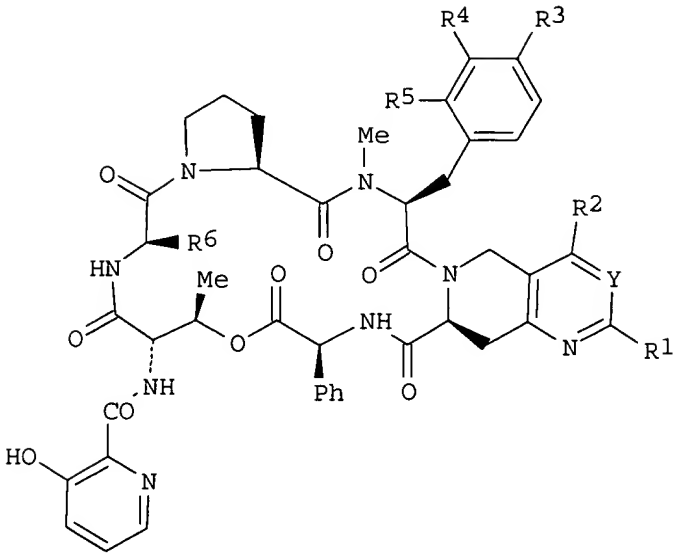
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				FR 1998-2316 A	19980226
	FR 2775288	A1	19990827	FR 1998-2316	19980226
	FR 2775288	B1	20000331		
	CA 2321114	AA	19990902	CA 1999-2321114	19990224
				FR 1998-2316 A	19980226
				WO 1999-FR409 W	19990224
	AU 9926283	A1	19990915	AU 1999-26283	19990224
				FR 1998-2316 A	19980226
				WO 1999-FR409 W	19990224
	BR 9908195	A	20001024	BR 1999-8195	19990224
				FR 1998-2316 A	19980226
				WO 1999-FR409 W	19990224
	EP 1056771	A1	20001206	EP 1999-906296	19990224
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
				FR 1998-2316 A	19980226
				WO 1999-FR409 W	19990224

JP 2002504560	T2	20020212	JP 2000-533450 19990224 FR 1998-2316 A 19980226 WO 1999-FR409 W 19990224
ZA 9901546	A	19990825	ZA 1999-1546 19990225 FR 1998-2316 A 19980226
HR 2000000452	A1	20001231	HR 2000-452 20000705 FR 1998-2316 A 19980226 WO 1999-FR409 W 19990224
NO 2000004273	A	20001023	NO 2000-4273 20000825 FR 1998-2316 A 19980226 WO 1999-FR409 W 19990224
US 2002151676	A1	20021017	US 2002-161804 20020605 FR 1998-2316 A 19980226 WO 1999-FR409 A119990224 US 2000-643197 A320000822

OS MARPAT 131:185250
GI



I

AB The invention concerns group B streptogramin derivs. I (Y = N, substituted carbon; R1 = H, alkyl, alkenyl, cycloalkyl, heterocycle, Ph, aryl; R2 = H, alkyl; R3 = Me, Et; R4-R6 = independently H, methylamino, dimethylamino, halo, alkenyl) were prepd. as antimicrobial agents. Thus, 2"-methyl-pyrido[2,3-5.gamma.,5.delta.]pristinamycin IE was prepd. and tested for its antimicrobial activity (no data).
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 13 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:352804 CAPLUS
DN **129:40990**
TI Bi-aromatic compounds with RXR receptor activity, pharmaceutical and cosmetic compositions containing them, and their uses
IN Bernardon, Jean-Michel; Diaz, Philippe

PA Centre International de Recherches Dermatologiques Galderma (C.I.R.D. Galder, Fr.; Bernardon, Jean-Michel; Diaz, Philippe
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9822423	A1	19980528	WO 1997-FR2063	19971117
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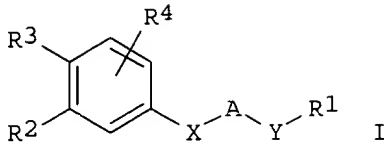
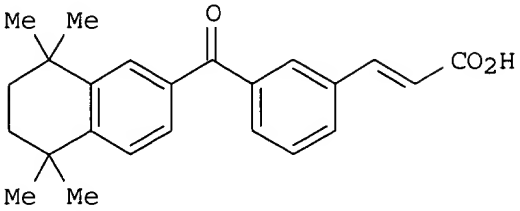
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				FR 1996-14098	A 19961119
	FR 2755965	A1	19980522	FR 1996-14098	19961119
	FR 2755965	B1	19981218		
	CA 2243404	AA	19980528	CA 1997-2243404	19971117
				FR 1996-14098	A 19961119
	AU 9852254	A1	19980610	AU 1998-52254	19971117
	AU 719468	B2	20000511		
				FR 1996-14098	A 19961119
				WO 1997-FR2063	W 19971117
	JP 11503472	T2	19990326	JP 1998-523275	19971117
	JP 3232484	B2	20011126		
				FR 1996-14098	A 19961119
				WO 1997-FR2063	W 19971117
	BR 9707153	A	19990406	BR 1997-7153	19971117
				FR 1996-14098	A 19961119
				WO 1997-FR2063	W 19971117
	EP 915823	A1	19990519	EP 1997-947075	19971117
	EP 915823	B1	20010418		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				FR 1996-14098	A 19961119
				WO 1997-FR2063	W 19971117
	AT 200661	E	20010515	AT 1997-947075	19971117
				FR 1996-14098	A 19961119
				WO 1997-FR2063	W 19971117
	US 6258775	B1	20010710	US 1997-101622	19971117
				FR 1996-14098	A 19961119
				WO 1997-FR2063	W 19971117
	JP 2001233821	A2	20010828	JP 2000-399456	19971117
				FR 1996-14098	A 19961119
				JP 1998-523275	A319971117
	ES 2158597	T3	20010901	ES 1997-947075	19971117
				FR 1996-14098	A 19961119

OS MARPAT 129:40990
GI



I



II

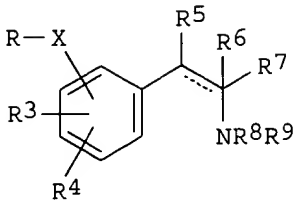
AB The invention concerns novel bi-arom. compds. I [R1 = Me, CH2OR5, OR5, COR6; Y = (un)substituted CH:CH or C.tplbond.C; A = (un)substituted divalent (ortho or meta) benzene, furan, thiophene, or pyridine nucleus; X = O, S, SO, SO2, CO, C(:CH2), C(:CMe2), CH2, etc.; R2, R3 = H, alkyl, OR5, SR5, polyether; or R2R3 may form ring optionally substituted by Me or interrupted by O or S; R4 = H, halo, alkyl, OR5, polyether; R5 = H, alkyl, acyl; R6 = H, alkyl, (un)substituted NH2 or OH]. The compds. are agonists or antagonists of RXR receptors (no data), and can be used in pharmaceutical compns. for human or veterinary medicine (in particular for treating dermatol., rheumatic, respiratory, cardiovascular, and ophthalmol. disorders), as well as cosmetic compns. For instance, Friedel-Crafts acylation of 5,5,8,8-tetramethyl-5,6,7,8-tetrahydronaphthalene with 3-iodobenzoyl chloride (54.6%), followed by Pd-catalyzed vinylation of the iodide with Me acrylate (77%), and hydrolysis of the resultant ester with aq. NaOH in THF (86%), gave title compd. II.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 14 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:574515 CAPLUS
DN **127:220986**
TI Preparation of phenylalanine derivatives as endothelin antagonists
IN Berryman, Kent Alan; Cheng, Xue-min; Doherty, Annette Marian; Edmunds, Jeremy John; Klutchko, Sylvester
PA Warner-Lambert Co., USA
SO U.S., 23 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5658943	A	19970819	US 1995-369209	19950105
			US 1995-369209	19950105

OS MARPAT 127:220986
GI



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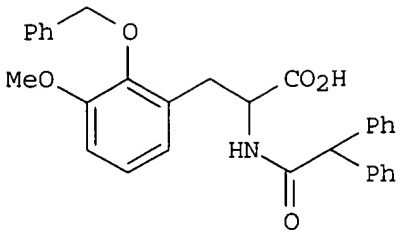

II

AB Novel endothelin antagonists I [R = absent, Q; R1, R2 = independently H, lower alkyl, halo, OH, alkoxy, alkylthio, CN, amino, alkylamino, dialkylamino, acylamino, CF3, carboxy, carboalkoxy, hydroxyalkyl, aminoalkyl, NO2; R1R2 = OCH2O, OCH2CH2O; n = 0-4; X = absent, O, S(O)m, NH, N-alkyl; m = 0-2; R3, R4 = independently H, alkyl, OH, alkoxy, aryloxy, alkylthio, arylthio, alkyl-NH, dialkylamino, halo, Z(CH2)qCO2R11,Z(CH2)qOR11; Z = NH, S, O; q = 0-4; R11 = H, lower alkyl; R3R4 = OCH2O, OCH2CH2O; R5 = H, YR10; Y = O, S(O)m, NH, N-alkyl, (CH2)p; p = 0-3; R10 = alkyl, (un)substituted phenyl; R6 = H, alkyl, alkenyl, CH2Ph; R7 = hydroxyalkyl, CO2R6, CONR62, NHSO2-alkyl, NHSO2CF3, NHSO2-aryl, SO3R9, PO3R9, CONHSO2-alkyl, CONHSO2-aryl, CONH-tetrazole, tetrazole; R8 = H, alkyl, aryl, aralkyl, heteroaryl, COR14, aralkyl, diaralkyl, OR15, NR15R16; R9 = H, alkyl, (un)substituted Ph; R14 = alkyl, aryl; R15, R16 = independently H, alkyl, cycloalkyl, aryl, aralkyl] are described, as well as novel intermediates used in their prepn., methods for the prepn. and pharmaceutical compns. of the same, which are useful in treating elevated levels of endothelin, essential, renovascular, malignant and pulmonary hypertension, cerebral infarction, myocardial ischemia, cerebral ischemia, congestive heart failure and subarachnoid hemorrhage. Thus, acylation of 2-benzyloxy-3-methoxy-DL-phenylalanine with diphenylacetyl chloride gave phenylalanine deriv. II. II and related phenylalanine derivs. showed endothelin receptor binding activity with IC50 = 1.0 to >25 .mu.M.

L7 ANSWER 15 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:564939 CAPLUS
DN **127:161816**
TI Preparation of aryl- and/or heteroaryl-substituted benzoic acids as endothelin antagonists and/or agonists
IN Chan, Ming Fai; Balaji, Vitukudi Narayanaiyengar; Castillo, Rosario Silverstre; Kois, Adam; Raju, Bore Gowda; Wu, Chengde
PA Texas Biotechnology Corp., USA
SO PCT Int. Appl., 136 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9725321	A2	19970717	WO 1997-US366	19970103
	WO 9725321	A3	19970912		

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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,

MR, NE, SN, TD, TG

				US 1996-583871 A 19960105
				US 1996-590139 A 19960123
US 5977117		A	19991102	US 1996-590139 19960123
				US 1996-583871 B219960105
AU 9715324		A1	19970801	AU 1997-15324 19970103
				US 1996-583871 A 19960105
				US 1996-590139 A 19960123
				WO 1997-US366 W 19970103
EP 876364		A2	19981111	EP 1997-901420 19970103
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
				US 1996-583871 A 19960105
				US 1996-590139 A 19960123
				WO 1997-US366 W 19970103

PATENT FAMILY INFORMATION:

FAN 1999:704991

	PATENT NO.	KIND	DATE	APPLICATION NO. DATE
PI	US 5977117	A	19991102	US 1996-590139 19960123
				US 1996-583871 B219960105
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	WO 9725321	A3	19970912	

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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

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				US 1996-590139 A 19960123
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				US 1996-590139 A 19960123
				WO 1997-US366 W 19970103
US 6265428		B1	20010724	US 1999-327661 19990608
				US 1996-583871 B219960105
				US 1996-590139 A119960123
US 2001014694		A1	20010816	US 2001-808771 20010314
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				US 1999-327661 A119990608

OS MARPAT 127:161816

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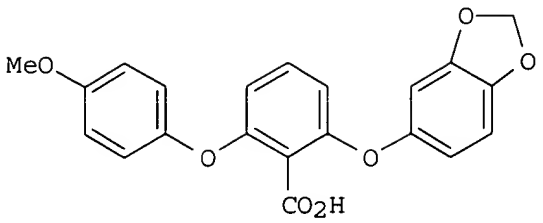

II

AB The title compds. Ar2-X-Ar3-Y-Ar1 [I; X, Y = O, S, NH, etc.; Ar1, Ar2 = aryl and heteroaryl contg. one ring or 2-3 fused rings; Ar3 = aryl, heteroaryl], useful in the treatment of hypertension, cardiovascular disease, asthma, pulmonary hypertension, inflammatory diseases, ophthalmol. disease, menstrual disorders, obstetric conditions, wounds, gastroenteric disease, renal failure, immunosuppressant-mediated renal vasoconstriction, erythropoietin-mediated vasoconstriction endotoxin shock, anaphylactic shock and hemorrhagic shock, were prepd. Thus, reaction of Et 2,6-difluorobenzoate and sodium 3,4-methylenedioxyphenoxide in DMSO followed by reaction of the resulting Et 2-fluoro-6-[3,4-(methylenedioxy)phenoxy]benzoate with sodium 4-methoxyphenoxide in DMSO, and hydrolysis of the ester with NaOH/EtOH afforded the title compd. II. Almost all of the compds. I have an IC50 of less than 10 .mu.M and many have an IC50 less than about 1 .mu.M for either or both of the ETA and ETB receptors.

L7 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:341871 CAPLUS
DN **126:312254**
TI Inhibitors of global pathogenesis gene regulators for treatment of microbial infections, pharmaceutical compositions, and screening methods
IN Bao, Ying; Boggs, Amy; Contag, Pamela R.; Federspiel, Nancy A.; Hebert, Alan; Hecker, Scott; Malouin, Francois
PA Microcide Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 137 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9711690	A2	19970403	WO 1996-US15435	19960925
	W: AU, CA, CU, DE, IL, JP, MX, NZ				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1995-4626P P	19950929
				US 1996-672215 A	19960625
	US 6020121	A	20000201	US 1996-672215	19960625
	AU 9671686	A1	19970417	AU 1996-71686	19960925
				US 1995-4626P P	19950929
				US 1996-672215 A	19960625
				WO 1996-US15435W	19960925

OS MARPAT 126:312254
AB Methods are provided for screening for potential inhibitors of bacterial, or other microbial, global pathogenesis gene regulators and other gene regulators. Methods are also provided for treating microbial (e.g., bacterial) infections using such inhibitors. Also included are pharmaceutical compns. contg. such inhibitors. The screening methods

involve detecting whether the activity of a global pathogenesis gene regulator is altered in the presence of a test compd.

L7 ANSWER 17 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:270622 CAPLUS
DN **126:251163**
TI Preparation of substituted aminouracils as herbicides.
IN Andree, Roland; Drewes, Mark Wilhelm; Dollinger, Markus
PA Bayer A.-G., Germany
SO Ger. Offen., 18 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19532344	A1	19970306	DE 1995-19532344	19950904
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	WO 9709319	A1	19970313	WO 1996-EP3693	19960822
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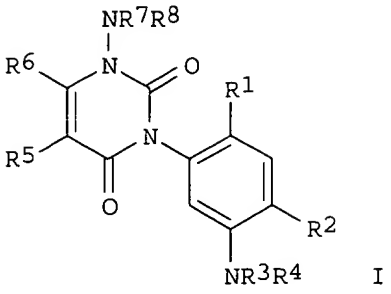
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				DE 1995-19532344A	19950904
	AU 9668762	A1	19970327	AU 1996-68762	19960822
	AU 705631	B2	19990527		
				DE 1995-19532344A	19950904
				WO 1996-EP3693 W	19960822
	EP 851861	A1	19980708	EP 1996-929303	19960822
	R: CH, DE, FR, GB, IT, LI				
				DE 1995-19532344A	19950904
				WO 1996-EP3693 W	19960822
	CN 1195341	A	19981007	CN 1996-196722	19960822
	CN 1108293	B	20030514		
				DE 1995-19532344A	19950904
	JP 11512102	T2	19991019	JP 1997-510813	19960822
				DE 1995-19532344A	19950904
				WO 1996-EP3693 W	19960822
	US 6008160	A	19991228	US 1998-29212	19980225
				DE 1995-19532344A	19950904
				WO 1996-EP3693 W	19960822
	BR 9610194	A	19981215	BR 1996-10194	19980302
				DE 1995-19532344A	19950904
				WO 1996-EP3693 W	19960822

OS MARPAT 126:251163
GI



I

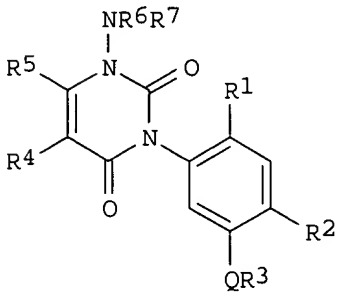
AB Title compds. [I; R1 = H, cyano, halo; R2 = cyano, thiocarbamoyl; R3, R4 = H, (substituted) alkyl, alkylcarbonyl, alkenyl, alkenylcarbonyl, alkynyl, alkynylcarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkylalkyl, arylcarbonyl, aralkylcarbonyl, etc.; R3R4 = (substituted) alkylene, oxoalkylene, dioxoalkylene; R5 = H, halo, (substituted) alkyl, alkoxy; R6 = (substituted) alkyl; R7, R8 = H, (substituted) alkyl, alkenyl, alkynyl], were prepd. Thus, 3-amino-1-(4-cyano-2-fluoro-5-ethylsulfonylaminophenyl)-5-trifluoromethyl-3,6-dihydro-2,6-dioxo-1(2H)-pyrimidine was refluxed with trifluoroacetic anhydride and Et3N in MeCN to give 3-amino-1-(4-cyano-2-fluoro-5-trifluoroacetylaminophenyl)-5-trifluoromethyl-3,6-dihydro-2,6-dioxo-1(2H)pyrimidine. The latter at 30 g/ha preemergent gave 100% control of Setaria, Abutilon, Galium, Matricacria, and Polygonum while leaving corn unaffected.

L7 ANSWER 18 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:178848 CAPLUS
DN **126:171617**
TI Preparation of arylaminouracils as herbicides and intermediates.
IN Andree, Roland; Drewes, Mark Wilhelm; Schallner, Otto; Dollinger, Markus; Santel, Hans-Joachim
PA Bayer A.-G., Germany
SO Ger. Offen., 24 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19527570	A1	19970130	DE 1995-19527570	19950728
	CA 2227762	AA	19970213	CA 1996-2227762	19960715
				DE 1995-19527570A	19950728
	WO 9705116	A1	19970213	WO 1996-EP3088	19960715
	W: AU, BB, BG, BR, BY, CA, CN, CZ, HU, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				DE 1995-19527570A	19950728
	AU 9666566	A1	19970226	AU 1996-66566	19960715
				DE 1995-19527570A	19950728
				WO 1996-EP3088 W	19960715
	EP 842155	A1	19980520	EP 1996-926347	19960715
	EP 842155	B1	20030409		
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
				DE 1995-19527570A	19950728
				WO 1996-EP3088 W	19960715

CN 1196725	A	19981021	CN 1996-197016 19960715 DE 1995-19527570A 19950728
BR 9609671	A	19990706	BR 1996-9671 19960715 DE 1995-19527570A 19950728 WO 1996-EP3088 W 19960715
JP 11510145	T2	19990907	JP 1997-507163 19960715 DE 1995-19527570A 19950728 WO 1996-EP3088 W 19960715
US 6417141	B1	20020709	US 1998-38 19980121 DE 1995-19527570A 19950728 WO 1996-EP3088 W 19960715

OS MARPAT 126:171617
GI



I

AB Title compds. [I; Q = O, S, SO, SO2; R1 = H, cyano, halo; R2 = cyano, thiocarbamoyl; R3 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; R4 = H, halo, (substituted) alkyl, alkoxy; R5 = (substituted) alkyl; R6, R7 = H, (substituted) alkyl, alkenyl, alkynyl], were prepd. Thus, 1-(4-cyano-2,5-difluorophenyl)-3,6-dihydro-2,6-dioxo-4-trifluoromethyl-1(2H)-pyrimidine was heated with NaOMe in N-methylpyrrolidone to give 41% 1-(4-cyano-2-fluoro-5-methoxyphenyl)-3,6-dihydro-2,6-dioxo-4-trifluoromethyl-1(2H)-pyrimidine. The latter was stirred with NaHCO3 and 1-aminooxy-2,4-dinitrobenzene in DMF to give 53% 1-(4-cyano-2-fluoro-5-methoxyphenyl)-3,6-dihydro-2,6-dioxo-3-amino-4-trifluoromethyl-1(2H)-pyrimidine. This at 125 g/ha preemergent gave 100% control of Alopecurus, Avena, Cyperus, Setaria, Abutilon, Amaranthus, Galium, Sinapis, and Xanthium.

L7 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:531729 CAPLUS
DN **125:167598**
TI Preparation and formulation of (tetrahydrotetramethylnaphthyloxy)naphthoates and analogs for treatment of keratinization disorders
IN Bernardon, Jean-Michel
PA Centre International De Recherches Dermatologiques Galderma (C.I.R.D. Galderma), Fr.
SO Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	EP 722928	A1	19960724	EP 1995-120073	19951219
	EP 722928	B1	19970806		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
				FR 1995-659	A 19950120
	FR 2729664	A1	19960726	FR 1995-659	19950120
	FR 2729664	B1	19970221		
	AT 156474	E	19970815	AT 1995-120073	19951219
				FR 1995-659	A 19950120
	ES 2111364	T3	19980301	ES 1995-120073	19951219
				FR 1995-659	A 19950120
	AU 9640794	A1	19960815	AU 1996-40794	19960104
	AU 684405	B2	19971211		
				FR 1995-659	A 19950120
	CA 2167651	AA	19960721	CA 1996-2167651	19960119
	CA 2167651	C	20010313		
				FR 1995-659	A 19950120
	JP 08245475	A2	19960924	JP 1996-7863	19960119
				FR 1995-659	A 19950120
	US 5763487	A	19980609	US 1996-589388	19960122
				FR 1995-659	A 19950120
	US 5985928	A	19991116	US 1998-5601	19980109
				FR 1995-659	A 19950120
				US 1996-589388	A319960122
	US 6156750	A	20001205	US 1999-229829	19990113
				FR 1995-659	A 19950120
				US 1996-589388	A319960122
				US 1998-5601	A319980109

OS MARPAT 125:167598

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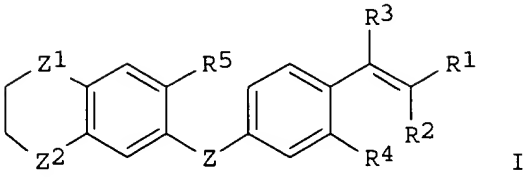

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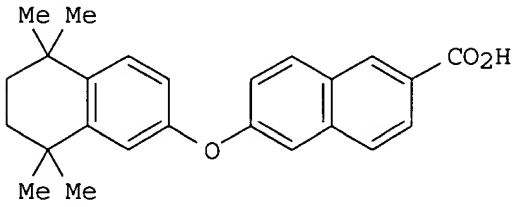


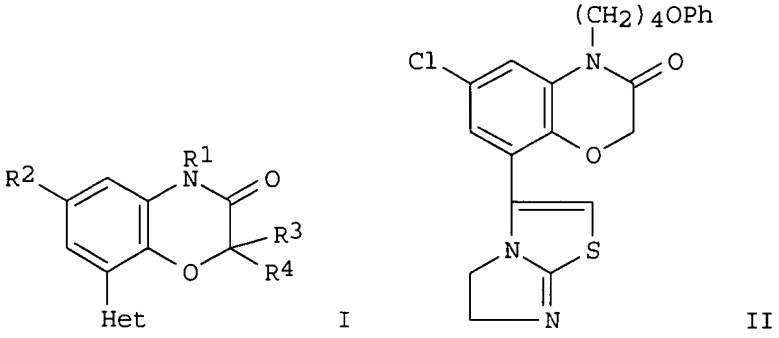
II

AB Title compds. [I; R1 = H, Me, alkoxy(methyl), alkanoyl, CO2H, etc.; R2 = H, alkyl, OH, alkoxy, etc.; R3 = H or alkyl; R2R3 = bond; R4 = H, alkyl, alkoxy, alkanoyloxy; R2R4 = CH:CH; R5 = H, halo, alkyl, alkoxy, etc.; Z = O, SOo-2, (alkyl)imino; Z1,Z2 = CH2, O, SO0-2, etc.] were prepd. for treatment of keratinization disorders (no data). Thus, 5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthol was etherified by Me 2-bromo-2-naphthoate to give title compd. II.

L7 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:86798 CAPLUS
DN **124:202282**
TI Preparation of dihydrobenzoxazinone derivatives as phospholipase A2 and interleukin 1 inhibitors
IN Kawakita, Takeshi; Kuroita, Takanobu; Murozono, Takahiro; Terasawa, Michio; Okamoto, Hitoshi
PA Yoshitomi Pharmaceutical, Japan
SO Jpn. Kokai Tokkyo Koho, 35 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 07242662	A2	19950919	JP 1994-31631	19940301
JP 3348505	B2	20021120		
			JP 1994-31631	19940301

OS MARPAT 124:202282
GI



AB The title compds. I [R1 = H, alkyl, etc.; R2 = H, Cl, etc.; R3, R4 = H, alkyl; Het = 5,6-dihydroimidazo[2,1-b]thiazol-3-yl, etc.] are prepd. The title compd. II.HBr at 10 .mu.M gave 40% in vitro inhibition of phospholipase A2.

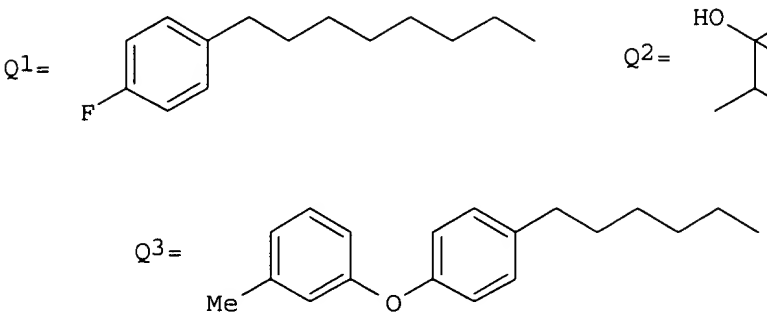
L7 ANSWER 21 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:804319 CAPLUS
DN **123:198425**
TI Preparation of tricarboxylic acid derivatives as squalene synthetase inhibitors
IN Kobayashi, Takamitsu; Tamura, Kunio; Yoshida, Mitsutaka; Koga, Hiroshi
PA Chugai Seiyaku Kabushiki Kaisha, Japan
SO PCT Int. Appl., 102 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9504025	A1	19950209	WO 1994-JP1249	19940729

W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, KE, KG, KR, KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ, VN
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

				JP 1993-227745	19930729
JP 07112954		A2	19950502	JP 1994-207897	19940728
				JP 1993-227745	19930729
AU 9472383		A1	19950228	AU 1994-72383	19940729
				JP 1993-227745	19930729
				WO 1994-JP1249	19940729

OS MARPAT 123:198425
GI



AB The title compds. R1AR2 (I) [R1 represents optionally substituted satd. or unsatd. alkyl; R2 represents (CH2)n-1CH(CO2R3)C(CO2R4)(CO2R5)(OR6), etc.; R3, R4 and R5 represent each hydrogen or lower alkyl; R6 represents hydrogen or alkyl; and n represents 1 or 2; A represents O, S, etc.], useful as squalene synthetase inhibiting anticholesteremics, are prepd. In an in vitro test for squalene synthetase inhibiting activity, I [R1 = Q1; A = O; R2 = Q2] (prepn. given) showed IC50 of 1.88 x 10-8 M. In the above test, I [R1 = Q3; A = O; R2 = Q2] (prepn. given) showed IC50 of 0.20 x 10-8 M. The squalene synthetase inhibiting activities of 20 compds. of this invention are given in a table in this document.

L7 ANSWER 22 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:664908 CAPLUS
DN **123:55865**
TI Preparation and formulation of N-[(phenylureido)acetyl]thiazolidine-4-carboxylates and analogs as gastrin and CCK antagonists
IN Dubroeucq, Marie-Christine; Manfre, Franco
PA Rhone-Poulenc Rorer SA, Fr.
SO Fr. Demande, 59 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI FR 2700168	A1	19940708	FR 1993-76	19930107
FR 2700168	B1	19950203		
CA 2152184	AA	19940721	CA 1994-2152184	19940103
			FR 1993-76 A	19930107

WO 9415955	A1	19940721	WO 1994-FR7	19940103	
W: AU, CA, HU, JP, KR, NO, NZ, RU, US					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
			FR 1993-76	A	19930107
AU 9458351	A1	19940815	AU 1994-58351		19940103
			FR 1993-76	A	19930107
			WO 1994-FR7	W	19940103
EP 679161	A1	19951102	EP 1994-904199		19940103
EP 679161	B1	19980624			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE					
			FR 1993-76	A	19930107
			WO 1994-FR7	W	19940103
HU 73428	A2	19960729	HU 1995-2064		19940103
			FR 1993-76	A	19930107
JP 08507292	T2	19960806	JP 1994-515746		19940103
			FR 1993-76	A	19930107
			WO 1994-FR7	W	19940103
AT 167681	E	19980715	AT 1994-904199		19940103
			FR 1993-76	A	19930107
ES 2119160	T3	19981001	ES 1994-904199		19940103
			FR 1993-76	A	19930107
ZA 9400079	A	19940811	ZA 1994-79		19940106
			FR 1993-76	A	19930107
US 5633270	A	19970527	US 1995-446745		19950606
			FR 1993-76	A	19930107
			WO 1994-FR7	W	19940103
NO 9502687	A	19950905	NO 1995-2687		19950706
			FR 1993-76	A	19930107
			WO 1994-FR7	W	19940103

OS MARPAT 123:55865

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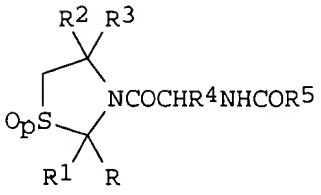

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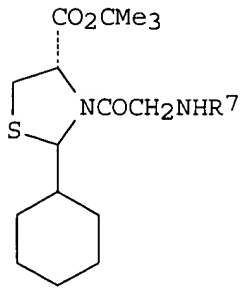

II

AB Title compds. [I; R = (unsatd.)(cyclo)alkyl, phenylalkyl, heteroaryl, etc.; R1,R3 = H, (cyclo)alkyl, phenylalkyl, etc.; R2 = (CH2)nCOR6, (CH2)mO2CR16, (CH2)mNR9R10, oxazolinyl, etc.; R4 = H, alkyl; R5 = (un)substituted phenyl(amino), naphthyl, indolyl, quinolyl, etc.; R6 = OH, alkoxy, Ph, NR9R10, etc.; R9 = H, (cyclo)alkyl, phenyl(alkyl), etc.; R10 = (cyclo)alkyl, phenyl(alkyl), etc.; R16 = alkoxy, Ph, NR9R10, etc.; m = 1 or 2; n,p = 0-2] were prepd. Thus, cyclohexanecarboxaldehyde was cyclocondensed with L-cysteine and the esterified product N-acylated with Me3CO2CNHCO2H to give, after deprotection, aminoacetylthiazolidinecarboxyl ate II (R7 = H) which was condensed with 3-(OCN)C6H4CH2CO2CH2Ph to give, after sapon, II [R7 = CONHC6H4(CH2CO2H)-3]. I had IC50 of .ltoreq.103nM against binding (ligand not given) at CCK receptors.

L7 ANSWER 23 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:657646 CAPLUS
DN **123:69846**
TI Diphenylamine compounds
IN Beckmann, Stefan; Etzbach, Karl-Heinz; Sens, Ruediger
PA BASF A.-G., Germany
SO Ger. Offen., 11 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4335496	A1	19950420	DE 1993-4335496	19931019
	WO 9511278	A1	19950427	WO 1994-EP3330	19941010
	W: JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				DE 1993-4335496	19931019
	EP 724609	A1	19960807	EP 1994-928882	19941010
	R: CH, DE, FR, GB, IT, LI, NL				
				DE 1993-4335496	19931019
				WO 1994-EP3330	19941010
	JP 09505331	T2	19970527	JP 1994-511265	19941010
				DE 1993-4335496	19931019
				WO 1994-EP3330	19941010
	US 5696243	A	19971209	US 1996-628641	19960419
				DE 1993-4335496	19931019
				WO 1994-EP3330	19941010

OS MARPAT 123:69846
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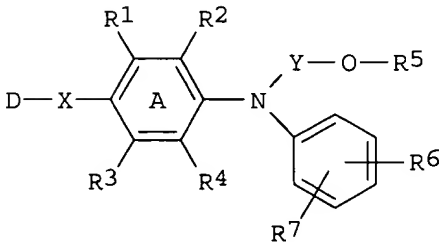

I

AB The title compds. are described by the general formula I (the ring A my be benzoanellated; D = an aryl residue or a 5-membered arom. ring which includes 1-3 heteroatoms selected from N, O, or S in a heterocyclic ring and which can be anellated with benzene, thiophene, pyridine, or pyrimidine rings; X = N:N or, when D = an aryl residue, CH:CH, or D-X is a 1,2,2-tricyanovinyl residue; R1-4 = independently selected H, C1-4 alkyl, C1-6 alkoxy, or halogen residues; R5 = prop-1-en-3-yl, acryloyl, or methacryloyl; R6 and R7 = independently selected H, C1-6 alkyl, C1-6 alkoxy, halogen, prop-1-en-3-yl, acryloyl, methacryloyl, or oxiranylmethoxy residues; and Y = a C1-20 alkylene group). The use of the compds., and of polymers contg. them, for nonlinear optical applications is also described.

L7 ANSWER 24 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:594465 CAPLUS
DN **123:9454**
TI Preparation of 4-cyanophenyliminoheterocycles as herbicides.
IN Schallner, Otto; Andree, Roland; Drewes, Mark Wilhelm; Dollinger, Markus; Santel, Hans-Joachim
PA Bayer A.-G., Germany
SO Eur. Pat. Appl., 154 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 648772	A1	19950419	EP 1994-115645	19941005
	EP 648772	B1	20020904		
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
				DE 1993-4335438A	19931018
	DE 4335438	A1	19950420	DE 1993-4335438	19931018
	EP 1164128	A1	20011219	EP 2001-122556	19941005
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
				DE 1993-4335438A	19931018
				EP 1994-115645 A3	19941005
	ES 2181697	T3	20030301	ES 1994-115645	19941005
				DE 1993-4335438A	19931018
	CA 2118191	AA	19950419	CA 1994-2118191	19941014
				DE 1993-4335438A	19931018
	JP 07188251	A2	19950725	JP 1994-276090	19941014
				DE 1993-4335438A	19931018
	BR 9404136	A	19951017	BR 1994-4136	19941017
				DE 1993-4335438A	19931018
	CN 1104215	A	19950628	CN 1994-117303	19941018
	CN 1048497	B	20000119		
				DE 1993-4335438A	19931018
	US 5756805	A	19980526	US 1996-738991	19961024
				DE 1993-4335438A	19931018
				US 1994-321295 B3	19941011
	CN 1183415	A	19980603	CN 1997-117829	19970820
	CN 1057765	B	20001025		
				DE 1993-4335438A	19931018

OS MARPAT 123:9454
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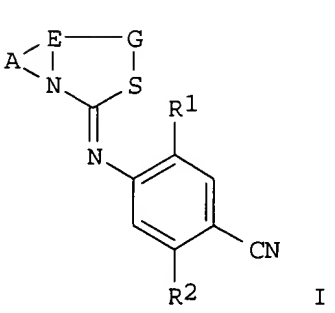

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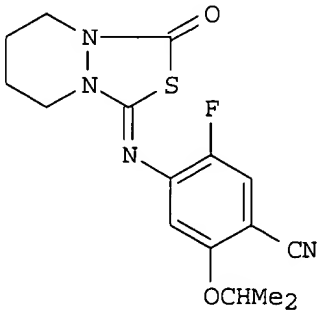


II

AB Title compds. [I; R1 = H, halo; R2 = halo, cyano, OH, amino, XR3, NR4COR5, NR4XO2R5; X = O, S, bond; R3 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; R4 = H, alkyl; R5 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl; A = (substituted) alkanediyl, alkenediyl; E = N, C; G = N, C singly bonded to H, alkyl, doubly bonded to O, S; when E = N, then A .noteq. (substituted) trimethylene], were prepd. Thus, 1-[N-(4-cyano-2-fluoro-5-isopropoxyphenyl)]tetrahydro-(2H)-pyridazinethiocarboxamide (prepn. given) in CH2Cl2 was treated with COCl2 in PhMe at 20.degree. followed by 3 h stirring at 20.degree. to give 13% title compd. (II). II at 15 g/ha gave 100% control of Abutilon while leaving barley unaffected.

L7 ANSWER 25 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:231251 CAPLUS
DN **122:9676**
TI Process for O-alkylation of carboxylic acids by organic carbonates.
IN Heuer, Lutz; Joentgen, Winfried; Klausener, Alexander
PA Bayer A.-G., Germany
SO Ger. Offen., 7 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

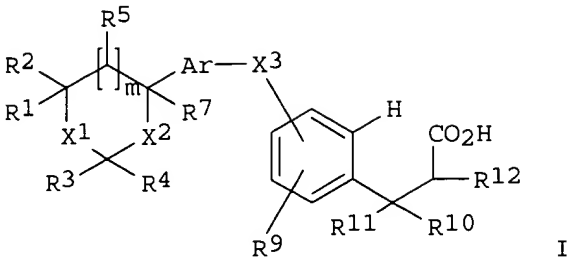
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4311424	A1	19941013	DE 1993-4311424	19930407
			DE 1993-4311424	19930407

OS CASREACT 122:9676; MARPAT 122:9676
AB Carboxylic acid esters were prepd. from carboxylic acids and org. carbonates in the presence of sulfonic acid catalysts. Thus, 2-methyl-4-chlorophenoxypropionic acid, di-Me carbonate, and p-toluenesulfonic acid were refluxed to give 71.9% Me 2-methyl-4-chlorophenoxypropionate.

L7 ANSWER 26 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:229456 CAPLUS
DN **123:198620**
TI Heteroaryl cinnamic acids as inhibitors of leukotriene biosynthesis
IN Fortin, Rejean; Girard, Yves; Grimm, Erich; Hutchinson, John; Scheigetz, John
PA Merck Frosst Canada, Inc., Can.
SO U.S., 28 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5360815	A	19941101	US 1993-81506	19930623
CA 2125830	AA	19941224	CA 1994-2125830	19940614
			US 1993-81506	19930623

OS MARPAT 123:198620
GI



I

AB Compds. having the formula I wherein: R1 is H, OH, lower alkyl, or lower alkoxy; R2 is H, lower alkyl or together with R1 forms a double bonded oxygen; R3 is H, lower alkyl, hydroxy lower alkyl, or lower alkoxy lower alkyl; or R1 is joined to R3 to form a carbon bridge of 2 or 3 carbon atoms, or a mono-oxa carbon bridge of 1 or 2 carbon atoms, said bridge optionally containing a double bond; R4 is H or lower alkyl; R5 is H, OH, lower alkyl, or lower alkoxy; R6 is H or lower alkyl, or two R6 groups attached to the same carbon may form a saturated ring of 3 to 8 members; R7 is H, OH, lower alkyl, lower alkoxy, cycloalkyl lower alkoxy, lower alkylthio, or lower alkylcarbonyloxy; R8, R9, and R13 is each independently H, halogen, lower alkyl, hydroxy, lower alkoxy, lower alkylthio, CF3, CN, or COR14 ; R10 is, e.g., H, lower alkyl, or aryl-(R13)2, wherein aryl is a 5-membered aromatic ring wherein one carbon atom is replaced by O or S and 0-3 carbon atoms are replaced by N; R11, R12 are each, e.g., H, lower alkyl; R14 = H, lower alkyl; X1 = O, S, SO, SO2, CH2; X2 = O, S, CHR6; X3 = e.g., O(CR6)2; Ar = phenylene-R82; m = 1, n = 1, 2; or pharmaceutically acceptable salts are inhibitors of leukotriene biosynthesis (no data). These compds. are useful as anti-asthmatic, anti-allergic, anti-inflammatory, and cytoprotective agents. They are also useful in treating angina, cerebral spasm, glomerular nephritis, hepatitis, endotoxemia, uveitis, and allograft rejection and in preventing the formation of atherosclerotic plaques. Pharmaceutical formulations were given. Thus, e.g., reaction of 7-hydroxycoumarin with 3-[4-(4-methoxy)tetrahydropyranyl]benzyl bromide afforded 7-[3-[4-(4-methoxy)tetrahydropyranyl]benzyloxy]coumarin; sapon. of the lactone afforded 3-{4-[3-[4-(4-methoxy)tetrahydropyranyl]benzyloxy]-2-hydroxyphenyl}propenoic acid disodium salt.

L7 ANSWER 27 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:533976 CAPLUS
DN **121:133976**
TI Carboxylic Acid Derivatives and Their Uses as Pharmaceuticals
IN Himmelsbach, Frank; Linz, Guenter; Austel, Volkhard; Pieper, Helmut; Mueller, Thomas; Weisenberger, Johannes; Guth, Brian
PA Thomae, Dr. Karl, G.m.b.H., Germany
SO Ger. Offen., 24 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4241632	A1	19940616	DE 1992-4241632	19921210
	CA 2111035	AA	19940611	CA 1993-2111035	19931208
				DE 1992-4241632	19921210
	EP 604800	A1	19940706	EP 1993-119786	19931208

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE

				DE 1992-4241632	19921210
FI 9305513		A	19940611	FI 1993-5513	19931209
				DE 1992-4241632	19921210
NO 9304501		A	19940613	NO 1993-4501	19931209
				DE 1992-4241632	19921210
JP 06239817		A2	19940830	JP 1993-308419	19931209
				DE 1992-4241632	19921210
ZA 9309230		A	19950609	ZA 1993-9230	19931209
				DE 1992-4241632	19921210
AU 9352306		A1	19940623	AU 1993-52306	19931210
				DE 1992-4241632	19921210
CN 1094035		A	19941026	CN 1993-120876	19931210
				DE 1992-4241632	19921210

OS MARPAT 121:133976

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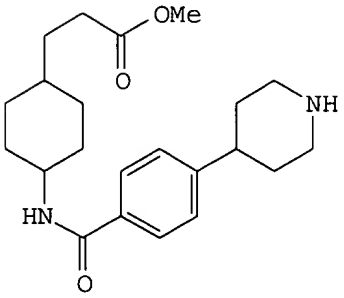


I

AB Pharmacol. active carboxylates were disclosed. A specifically claimed example compd., Me trans-4-[[4-(4-piperidinyl)phenyl]carbonylamino]cyclohexanepropanoate (I) was prepd. The claimed compds. are blood platelet aggregation inhibitors (antithrombotics).

L7 ANSWER 28 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:409389 CAPLUS
DN **121:9389**
TI Preparation of isoxazoles derivatives and their use as herbicides
IN Cramp, Susan Mary; Smith, Philip Henry Gaunt
PA Rhone Poulenc Agriculture Ltd., UK
SO Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

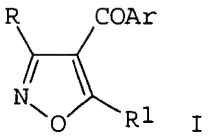
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 588357	A1	19940323	EP 1993-114989	19930917
EP 588357	B1	20020612		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE

				GB 1992-19779	A 19920918
AU 9346250		A1	19940324	AU 1993-46250	19930908
AU 666397		B2	19960208		
				GB 1992-19779	A 19920918
CA 2105822		AA	19940319	CA 1993-2105822	19930909
				GB 1992-19779	A 19920918

IL 106997	A1	19970610	IL 1993-106997	19930913
			GB 1992-19779 A	19920918
BR 9303517	A	19940322	BR 1993-3517	19930916
			GB 1992-19779 A	19920918
FI 9304089	A	19940319	FI 1993-4089	19930917
			GB 1992-19779 A	19920918
ZA 9306867	A	19940411	ZA 1993-6867	19930917
			GB 1992-19779 A	19920918
CN 1085219	A	19940413	CN 1993-117864	19930917
CN 1045439	B	19991006		
			GB 1992-19779 A	19920918
JP 06192015	A2	19940712	JP 1993-231546	19930917
			GB 1992-19779 A	19920918
HU 68735	A2	19950728	HU 1993-2622	19930917
			GB 1992-19779 A	19920918
US 5480857	A	19960102	US 1993-128605	19930917
			GB 1992-19779 A	19920918
RU 2114842	C1	19980710	RU 1993-52688	19930917
			GB 1992-19779 A	19920918
EP 1156048	A1	20011121	EP 2001-119705	19930917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
			GB 1992-19779 A	19920918
			EP 1993-114989 A3	19930917
AT 219079	E	20020615	AT 1993-114989	19930917
			GB 1992-19779 A	19920918
ES 2173877	T3	20021101	ES 1993-114989	19930917
			GB 1992-19779 A	19920918

OS MARPAT 121:9389
GI



I

AB Title compds. I (Ar = (substituted) heterocyclyl; R = H, R3O2C wherein R3 = (substituted) C1-6 alkyl; R1 = (halo) C1-6 alkyl, (substituted) C3-6 cycloalkyl)or a salt thereof, are prepd. HONH2 and 3-cyclopropyl-1-(3,5-dichloropyridin-2-yl)-2-(dimethylamino)methylenepropane-1,3-dione (prepn. given) in EtOH were stirred at room temp. overnight to give I (Ar = 3,5-dichloro-2-pyridyl, R = H, R1 = cyclopropyl) which with other 16 I when applied pre- or post-emergence at 4 kg/ha or less, gave at leat 80% control of one or more weed species.

L7 ANSWER 29 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:270094 CAPLUS
DN **120:270094**
TI Preparation of cyclic imino derivatives as cell aggregation inhibitors
IN Himmelsbach, Frank; Austel, Volkhard; Pieper, Helmut; Linz, Guenter; Weisenberger, Johannes; Mueller, Thomas
PA Thomae, Dr. Karl, G.m.b.H., Germany
SO Eur. Pat. Appl., 38 pp.
CODEN: EPXXDW
DT Patent

LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 567966	A1	19931103	EP 1993-106724	19930426
	EP 567966	B1	19980902		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
				DE 1992-4213919A	19920428
	DE 4213919	A1	19931104	DE 1992-4213919	19920428
	US 5576444	A	19961119	US 1993-53037	19930426
				DE 1992-4213919A	19920428
	AT 170509	E	19980915	AT 1993-106724	19930426
				DE 1992-4213919A	19920428
	ES 2121888	T3	19981216	ES 1993-106724	19930426
				DE 1992-4213919A	19920428
	CA 2095009	AA	19931029	CA 1993-2095009	19930427
				DE 1992-4213919A	19920428
	NO 9301526	A	19931029	NO 1993-1526	19930427
	NO 180045	B	19961028		
	NO 180045	C	19970205		
				DE 1992-4213919A	19920428
	JP 06073001	A2	19940315	JP 1993-99930	19930427
	JP 3315463	B2	20020819		
				DE 1992-4213919A	19920428
	HU 70039	A2	19950928	HU 1993-1222	19930427
				DE 1992-4213919A	19920428
	AU 9338222	A1	19931104	AU 1993-38222	19930428
	AU 662223	B2	19950824		
				DE 1992-4213919A	19920428

OS MARPAT 120:270094
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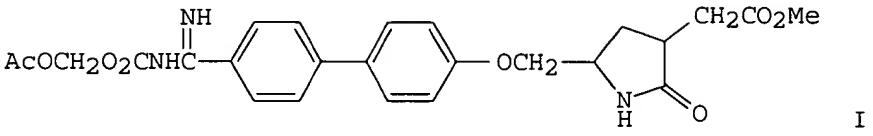

I

AB BX1X2AYE [A = (substituted) bivalent (oxo)pyrrolidine ring; B = R1CO2CR2R3O2CNHC(:NH), R4OP(O)(OR5)NHC(:NH); E = CO2CHR7O2CR6, CO2R8, etc; R1 = (cyclo)alkyl, phenyl(alkyl); R2,R3 = H, (cyclo)alkyl, Ph; R4,R5 = H, alkyl, Ph, CH2Ph; R6 = (cyclo)alkyl, alkenyl, alkoxy, etc.; R7 = H, (cyclo)alkyl, Ph; R8 = cycloalk(en)yl(alkyl), (phenyl)alkenyl, -alkynyl, etc.; X1 = bond, CH2,OCH2, etc.; X2 = (substituted) C6H4C6H4; Y = alkylene] were prepd. Thus, (S)-1-benzyloxycarbonyl-5-trityloxymethyl-2-pyrrolidinone was converted in 7 steps to title compd. (3S,5S)-I which gave inhibition of collagen-induced thrombocyte aggregation in samples from monkeys >8h after receiving 1mg/kg orally.

L7 ANSWER 30 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:263859 CAPLUS
DN **120:263859**
TI Preparation of herbicidal benzene derivatives.
IN Patel, Kanu Maganbhai
PA du Pont de Nemours, E. I., and Co., USA

SO PCT Int. Appl., 163 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9405153	A1	19940317	WO 1993-US8096	19930902
W: JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
			US 1992-942539	A219920909
EP 659047	A1	19950628	EP 1993-921226	19930902
R: DE, ES, FR, IT, PT				
			US 1992-942539 A	19920909
			WO 1993-US8096 W	19930902
JP 08501100	T2	19960206	JP 1994-507335	19930902
			US 1992-942539 A	19920909
			WO 1993-US8096 W	19930902

OS MARPAT 120:263859
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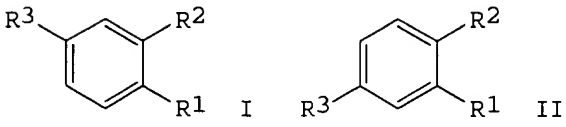


AB The benzene derivs. I and II (R1 = Cl, Br, iodo, OMe, OCHF2, OCF3, NO2; R2 = CO2H, CN, CONH2, CO2Me, etc.; R3 = Ph, OCH2CHMe2, OCH2Ph, etc.) and their salts are prepd. as herbicides. 2-Chloro-4-(2-methylpropyloxy)benzoic acid (prepn. given) was refluxed with thionyl chloride in benzene. The product was dissolved in THF and treated with aq. NH4Cl, to give 2-chloro-4-(2-methylpropyloxy)benzamide (III). Postemergence 400 g III/ha totally controlled barnyardgrass, with no injury to barley. Formulation examples are given.

L7 ANSWER 31 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:30773 CAPLUS
DN **120:30773**
TI Oxadiazole derivatives having acetylcholinesterase-inhibitory and muscarinic receptor agonist activity
IN Takasugi, Hisashi; Kuno, Atsushi; Ohkubo, Mitsuru
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9313083	A1	19930708	WO 1992-JP1658	19921218
W: AU, CA, HU, JP, KR, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
			GB 1991-27533	19911231

			GB 1992-20904	19921005
AU 9331714	A1	19930728	AU 1993-31714	19921218
			GB 1991-27533	19911231
			GB 1992-20904	19921005
			WO 1992-JP1658	19921218
EP 619814	A1	19941019	EP 1993-900416	19921218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
			GB 1991-27533	19911231
			GB 1992-20904	19921005
			WO 1992-JP1658	19921218
JP 07502529	T2	19950316	JP 1992-511547	19921218
			GB 1991-27533	19911231
			GB 1992-20904	19921005
			WO 1992-JP1658	19921218
US 5622976	A	19970422	US 1994-244904	19940624
			GB 1991-27533	19911231
			GB 1992-20904	19921005
			WO 1992-JP1658	19921218

OS MARPAT 120:30773

AB The title compds. R1QZXAM [A = direct bond, lower alkylene, lower alkynylene; M = (un)substituted heterocyclic group contg. .gtoreq.1 N atom(s); Q = oxadiazolediyl; R1 = lower alkyl, (un)substituted heterocyclic group, (un)substituted aryl, (un)substituted arylalkyl, (un)substituted aralkenyl; X = direct bond, CONR4, R8CN; R4 = H, alkyl; R8 = HO, protected HO group, CO, NHCO; Z = direct bond, vinyl (sic)], useful for the treatment of central nervous system disorders (e.g., amnesia, Alzheimer's disease, vascular dementia, etc.) mode data, are prepd. Thus, 3-ethoxycarbonyl-5-(quinucilidin-3-yl)-1,2,4-oxadiazole and 1-benzyl-4-(2-aminoethyl)piperidine were heated together in soln. at 100.degree. for 2 h and treated with an ethanolic soln. of HCl, producing 5-(quinuclidin-3-yl)-3-[[2-(1-benzylpiperidin-4-yl)ethyl]carbamoyl]-1,2,4-oxadiazole dihydrochloride, m.p. 210.degree. (decompn.).

L7 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:559751 CAPLUS

DN **119:159751**

TI Preparation of 2-(oximinoalkyl)cyclohexane-1,3-diones as synergistic herbicides

IN Kast, Juergen; Meyer, Norbert; Misslitz, Ulf; Bratz, Matthias; Walter, Helmut; Rademacher, Wilhelm; Landes, Andreas; Kckemie, Tom; Carlson, Dale

PA BASF A.-G., Germany

SO Ger. Offen., 33 pp.
CODEN: GWXXBX

DT Patent

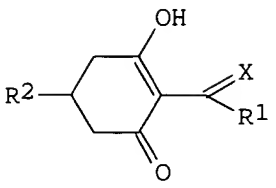
LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4222261	A1	19930609	DE 1992-4222261	19920707
			US 1991-790277	19911107

OS MARPAT 119:159751

GI



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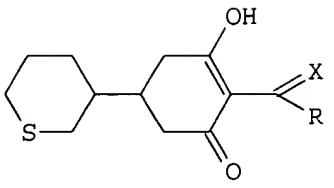

II

AB Title compds. I [X = NOWR3; R1 = alkyl; R2 = H, cyano, CHO, alkyl, alkoxy, etc.; R3 = H, (2-substituted)vinyl, (halo)alkyl, etc.; W = alk(en)ylene, etc.], synergistic herbicides with I [X = O; R1 = (substituted)(cyclo)alkyl; R2 = cyano, CHO, CO2H, alkoxycarbonyl, etc.], were prepd. Thus, 4-BrC6H4CH:CHCH2Br was converted in 2 steps to 4-BrC6H4CH:CHCH2ONH2, which was condensed with propionylcyclohexanedione II (R1 = Et, X = O) to give II (R1 = Et, X = NOCH2CH:CHC6H4Br-4). II (R1 = Pr, X = NOEt), at 0.004 kg/ha, together with I (R1 = cyclopropyl, R2 = CO2Et, X = O) at 0.125 kg/ha, gave 90% control of Avena fatua with 10% damage to spring wheat.

L7 ANSWER 33 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1993:538789 CAPLUS
DN **119:138789**
TI Preparation of 2-aralkoximinoalkyl-3-hydroxy-2-cyclohexenones and analogs as herbicides and benzothiophene antidotes for them
IN Hagen, Helmut; Nilz, Gerhard; Roetsch, Thomas; Walter, Helmut; Landes, Andreas
PA BASF A.-G., Germany
SO Ger. Offen., 76 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4126999	A1	19930218	DE 1991-4126999	19910816
	WO 9304057	A2	19930304	WO 1992-EP1798	19920807
	WO 9304057	A3	19930722		
	W: CA, HU, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
				DE 1991-4126999	19910816
	EP 599906	A1	19940608	EP 1992-917128	19920807
	EP 599906	B1	19970115		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL				
				DE 1991-4126999	19910816
				WO 1992-EP1798	19920807
	JP 06510029	T2	19941110	JP 1992-504062	19920807
				DE 1991-4126999	19910816
				WO 1992-EP1798	19920807
	HU 67251	A2	19950328	HU 1994-429	19920807
				DE 1991-4126999	19910816
	AT 147740	E	19970215	AT 1992-917128	19920807
				DE 1991-4126999	19910816
	US 5491123	A	19960213	US 1994-193073	19940204
				DE 1991-4126999	19910816
				WO 1992-EP1798	19920807

OS MARPAT 119:138789
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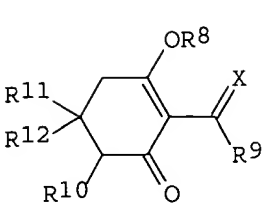

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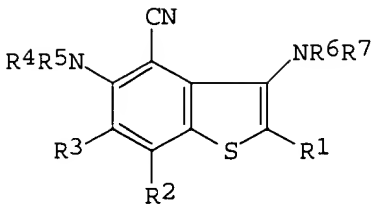
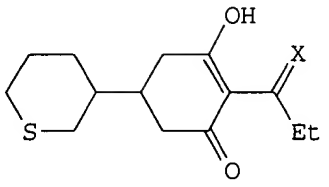


II



III

AB Title cyclohexenones [I; R8 = H, alkanoyl, alkylsulfonyl, etc.; R9 = alkyl; R10 = H, halo, cyano, alkoxycarbonyl, etc.; R11 = H, cyano, CHO, alkyl, etc.; R12 = H, OH, alkyl; X = OZR13; R13 = H, vinyl, CO2H, alkoxycarbonyl, (hetero)aryl, etc.; Z = alkylene, alkenylene, alkynylene, etc.] and benzothiophenes II (R1 = COR, CO2R; R = H, halo, NH2, alkyl, heterocyclyl, Ph, etc.; R2, R3 = H, cyano, alkyl, halo, alkoxy, etc.; R4-R7 = H, Ph, naphthyl, heteroaryl; NR4R5, NR6R1 = heterocyclyl) were prepd. Thus, 2-propionyl-5-(3-tetrahydrothiopyranyl)cyclohexane-1,3-dione was condensed with 4-BrC6H4CH:CHCH2ONH2 to give title cyclohexenone III (X = NOCH2CH:CHC6H4Br-4). II (R1 = COPh, R2-R7 = H), at 0.25 kg/ha postemergent, reduced damage of 0.25 kg/ha III (X = NOCH2CH2CH:CHC6H4Cl-4) postemergent to corn from 80 to 20% without reducing herbicidal effect (100%) to Setaria viridis.

L7 ANSWER 34 OF 34 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1992:13416 CAPLUS
DN **116:13416**
TI Pressure- and heat-sensitive recording materials with good sensitivity, storability and image stability
IN Sano, Masajiro; Takashima, Masanobu; Satomura, Masato
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03142277	A2	19910618	JP 1989-282319	19891030
				JP 1989-282319	19891030

OS MARPAT 116:13416
AB The title materials utilizes coloration by contact between electron-donating leuco dye Ar1R1CH:CR2:CH:CHR3CR4R5Ar2 (Ar1, Ar2 = amine residue-contg. aryl or heterocyclic group; R1-4 = H, monovalent group; R5 = aryl group-contg. alkoxy group; R1-4 may bond together forming 4- to 12-membered rings with or without contg. heteroatom) and

electron-accepting compd.

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L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:725609 CAPLUS
DN **133:296281**
TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting antiinflammatory and immune-suppressive compounds
IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn, Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong; Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae, Hwan-soo; Lynch, John K.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 476 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000059880	A1	20001012	WO 2000-US8895	20000403
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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			US 1999-286645 A	19990402
			US 1999-474517 A	19991229
			US 2000-541795 A	20000331
EP 1165505	A1	20020102	EP 2000-921654	20000403
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			US 2000-541795 A	20000331
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			WO 2000-US8895 W	20000403
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				WO 2000-US8895 W 20000403
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				US 1999-286645 A 19990402
				US 1999-474517 A 19991229
				US 2000-541795 A 20000331
				WO 2000-US8895 W 20000403

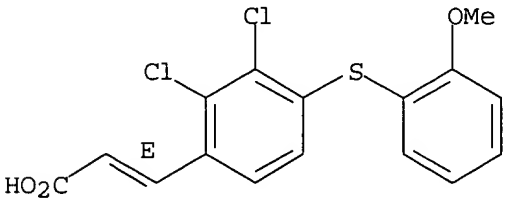
OS MARPAT 133:296281

IT **280752-98-9**
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)

RN 280752-98-9 CAPLUS

CN 2-Propenoic acid, 3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

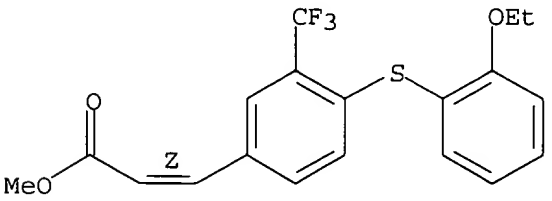


IT **280752-72-9P 301179-73-7P 301179-75-9P**,
2,3-Dichloro-4-(2-methoxyphenylthio)cinnamic acid **301179-87-3P**
301179-93-1P 301179-94-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of (phenylthio)cinnamides as cell adhesion inhibitors by coupling of thiophenols with halobenzaldehydes, conversion to cinnamic acids, amidation, and optional derivatization)

RN 280752-72-9 CAPLUS

CN 2-Propenoic acid, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-, methyl ester, (2Z)- (9CI) (CA INDEX NAME)

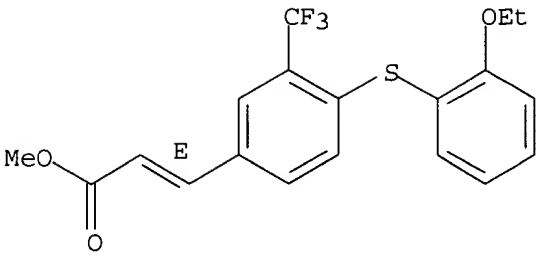
Double bond geometry as shown.



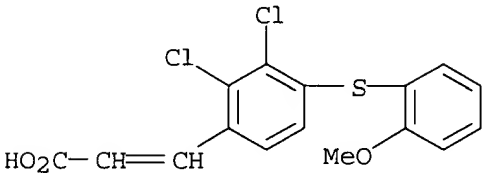
RN 301179-73-7 CAPLUS

CN 2-Propenoic acid, 3-[4-[(2-ethoxyphenyl)thio]-3-(trifluoromethyl)phenyl]-, methyl ester, (2E)- (9CI) (CA INDEX NAME)

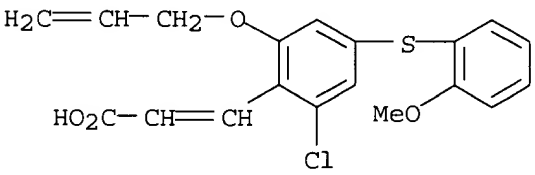
Double bond geometry as shown.



RN 301179-75-9 CAPLUS
CN 2-Propenoic acid, 3-[2,3-dichloro-4-[(2-methoxyphenyl)thio]phenyl]- (9CI) (CA INDEX NAME)

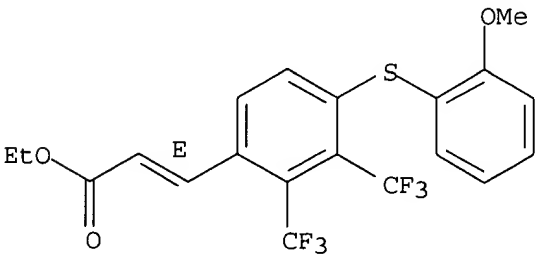


RN 301179-87-3 CAPLUS
CN 2-Propenoic acid, 3-[2-chloro-4-[(2-methoxyphenyl)thio]-6-(2-propenyloxy)phenyl]- (9CI) (CA INDEX NAME)



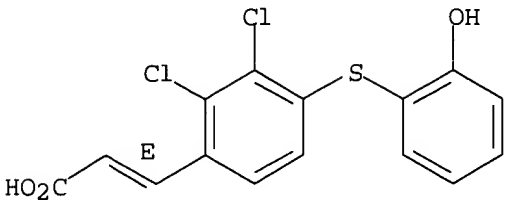
RN 301179-93-1 CAPLUS
CN 2-Propenoic acid, 3-[4-[(2-methoxyphenyl)thio]-2,3-bis(trifluoromethyl)phenyl]-, ethyl ester, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 301179-94-2 CAPLUS
CN 2-Propenoic acid, 3-[2,3-dichloro-4-[(2-hydroxyphenyl)thio]phenyl]-, (2E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



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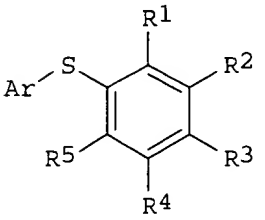

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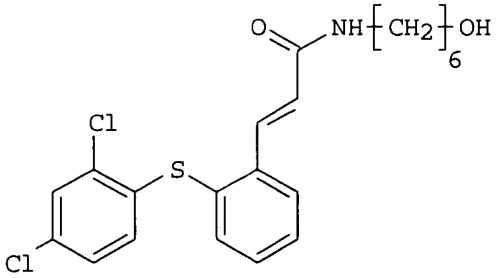

II

AB The title compds. (I) [wherein R1-R5 = independently H, halo, (halo)alkyl, alkoxy, cyano, NO2, CHO, and least one of R1 or R3 is an (un)substituted cis- or trans-cinnamide; Ar = (un)substituted (hetero)aryl] were prepd. as cell adhesion inhibitors for the treatment of inflammatory and immune diseases. Examples include syntheses for 443 invention compds. and data for 3 bioassays. For instance, a mixt. of 2-[(2,4-dichlorophenyl)thio]benzaldehyde (prepn. given), malonic acid, piperidine in anhyd. pyridine was heated at 110.degree.C for 2 h and then treated with aq. HCl to give trans-2-[(2,4-dichlorophenyl)thio]cinnamic acid (91%). Conversion to the acid chloride followed by amidation with 6-amino-1-hexanol gave (E)-II (90%). In an integrin LFA-1/ICAM-1 biochem. interaction assay, I demonstrated inhibition at 4 .mu.M. In cell-based adhesion assays which measure the ability of test compds. to block adherence of JY-8 cells (a human EBV-transformed B cell line expressing LFA-1 on its surface) to immobilized ICAM-1 or ICAM-3, I exhibited blocking activity at 4 .mu.M and 0.6 .mu.M, resp.

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FULL ESTIMATED COST	119.62	555.72

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CA SUBSCRIBER PRICE	-24.74	-24.74

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